

Vhf-Uhf DIGEST

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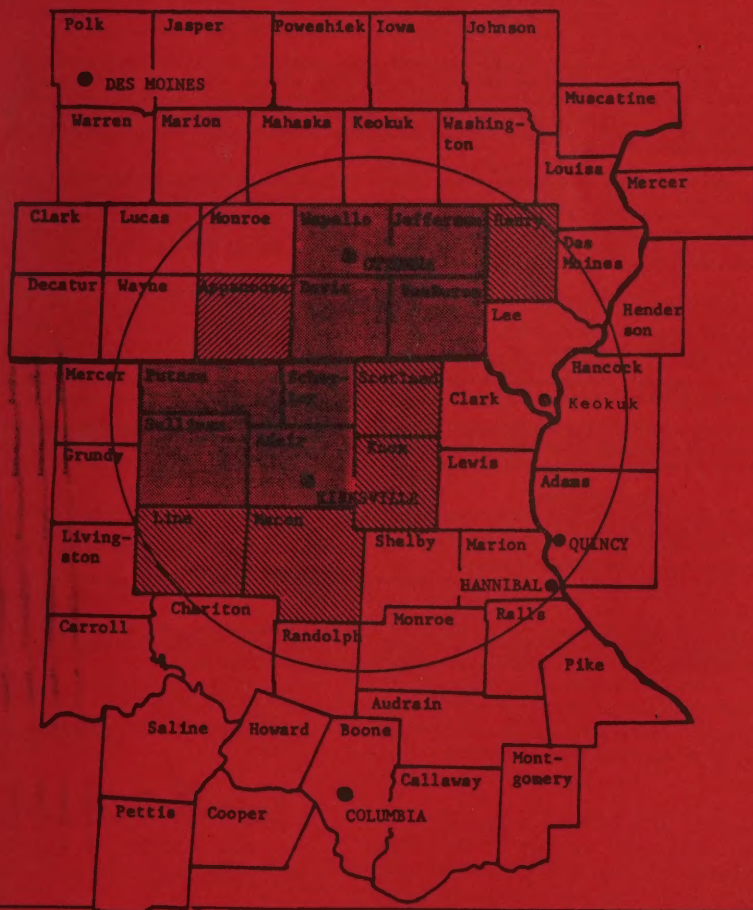
KTVO Television • Kirksville • Ottumwa

P.O. Box 949
Hwy. 63 North
Kirksville, Missouri 63501
816-627-3333

Harvester Bldg., Suite 501
101 S. Market
Ottumwa, Iowa 52501
515-682-3333

THE HEARTLAND'S
NEWS CHANNEL

Coverage Map



ANARC UPDATE

ANARC NEWS

The news from ANARC has been slow. ANARC has a new constitution. Elections are being held for Executive Board members. There are only 3 nominees for the 3 positions. The three are well known in the DX hobby and have been active participants in several clubs. The three nominees are Harold Cones (a.k.a. Dr. DX), Mark Meece, and Bill Oliver.

Nominations were requested for the ANARC awards. The three awards are North American Specialty Band DXer of the year, and International DXer of the Year. The awards will be given out at the 1994 SWL Winter Fest. Speaking of the 1994 Winter Fest, it is scheduled for the weekend of March 11-13th at the usual place in Kulpville PA. Everyone who has gone in the past has had a great time. It is a great way to mingle with the Greats and the Knowledgeable Ones of our hobby. More in a future report.

It is not too early to think about planning to attend a DX event in 1994. A West Coast Radio Festival is being planned for the weekend of August 10th to the 14th at the Holiday Inn Bristol Plaza, in Costa Mesa, California.

SPRACHMAN'S CORNER

CONFESSIONS OF A DISH HEAD

How many W7FDA members own a satellite dish? For those who don't, let me tell you what it is like to be a "Dish Head" (a.k.a. "Sky Scanner"). Since I had the dish installed in December '92, I've been totally addicted to it. It has taken over my mind. I constantly think about it. I talk about it so often to my co-workers and friends that they no longer want to listen to me. My vocabulary has greatly increased, not only with words that are related to the dish but also computers and the new digital video technology.

A typical "Dish Day" begins at about 3 P.M. when I begin to get the urge to go home and begin my search of the sky. Unfortunately, I still have two more hours of work. I must content myself with the local newspaper's TV listings to line up the evening's viewing possibilities. Then I may get into a discussion about digital compression with a co-worker or two. I'll make sure to bad-mouth the local cable company.

Once home, I'll do a "sky scan." I'll check each satellite channel by channel to see if there are any changes and to see what's new. There is always something new. One of the things I like about TV DX is to see what the changes are. With a satellite dish, the changes occur almost daily. Services change channel. New services start up often without notice. There are the oddball news-feeds, talk shows two days early, and teleconferences. Much of what I see are "video-bites." I am always trying to learn about new services, when they are going on, and where. The industry likes to keep this a secret. New services are usually stumbled upon. The magazines are usually no help. By the time they announce a change, it is at least three weeks later.

Since getting my dish, I've watched little conventional television. The most watched channels are E! Entertainment Television, Nick at Night, The Travel Channel, The Cartoon Network, A&E, The Nashville Network, and the Nostalgia/Americana Channel. There are the interesting channels never to be seen by my neighbors with cable: The New England Cable News Channel, The Outdoor Channel, and the Caribbean Satellite Network. There's all the Ethnic stuff as outlined in August's "Satellite News." I can now have a night of "Canadian Cable". The CBC in English and French, plus the French language TVA, Television Quatre Saisons, and Radio Quebec networks. Canadian Cable only channels are MuchMusic, Musique Plus, The Weather Net, TV5, Vision TV, and the Atlantic Satellite Network.

My two biggest fears are encryption and digital compression. Encryption is rampant. I get about 125 "Clear Channels." About another 125 channels are encrypted in the VC 2+ format, which can be decoded by most satellite receivers. Then there about another 75 channels that are encrypted in the Leitch, Oak, B-MAC, and a few other unknown encryption formats. Another big industry secret is what is being encrypted. Some are easy to figure out, others are real mysteries. Digital Compression is a brand new technology that allows more than one video channel to be delivered on one transponder. It is being tested on several transponders and is now being used for two pay-per-view channels and several Canadian Cable Services. The receivers for Digital Compression which will be called "Transcoders" will not be available until the later half of 1994. With a starting price of over \$2000, a transcoder will not be part of my satellite system for many years to come, but it will be a necessity someday.

If you are considering buying a satellite system, my advice is to get one. It is well worth the cost. Before buying a system, do research. Check out the different receivers, different dishes, and different LNB's. Then do your shopping. Find a dealer that you are comfortable working with, preferably one who has been around for a while. Cheapest may not be the best. It is a big purchase and you want a system that is going to last.

LOCAL MEDIA NEWS

WMBC-63 is on the air. This station from Newton NJ has been on the air for several months. It is what I call a "Cherrypicker," picking up programming off the satellite from a variety of sources: Main Street TV, FamilyNet, and Showcase America.

W23BC West Orange NJ is on the air with "The Box." The cost of a video is three dollars, which is quite steep compared to the "Box" on the cable system in Queens NY and on W33AV in Boston.

W51BV is new to the air from Deer Park NY. The signal quality here is nearly nonexistent. Their programming is from ChannelAmerica.

A HOT FLASH: WHAI-43 Bridgeport CT has returned to the air September 1st. They have the ValueVision home shopping network 24 hours a day.

Finally, WLIG-55 claims to have a translator in Stamford CT, W38BC. I have not seen this station, so I can not confirm its existence. Their other translator W57BC from Uniondale NY has been on sporadically and with a lower power. The local cable company finally put "TV-55" on their system, so my feeling is that W57BC is now being beamed west for the Queens County Cable system.

Well enough for this month, till next time,

Sta PSprachman.

TV News

Doug Smith, editor

14 Brookside Court
Nashville, TN 37209-4503
(615) 356-8305
CIS 72777,3143



Abbreviations used in this column:

ERP = Effective Radiated Power in
Kilowatts
HAAT = Height Above Average Terrain, in
meters
AAT = Above Average Terrain
AG = Above Ground
ASL = Above Sea Level
nc = no change
TL = Transmitter (and tower) Location
CP = Construction Permit
MP = Modification Permit (modification
of CP)
Pr = Province (of Canada)
* = Non-commercial
CRTC = Canadian Radio-Television
Commission
DBS = Direct Broadcast Satellite

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City
MA	22	4455	nc	WWLP	Springfield
(was 3390kW)					
SD	15	692	155	KCLO-TV	Rapid City
(was 158m)					

MODIFICATIONS GRANTED TO CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City
KY	49	2610	nc	WDKA	Paducah
(was 2786kW)					

CALL LETTER CHANGES

St	Ch	City	Was	Now
UT	14	Salt Lake	KXIV-TV	KJZZ-TV

STATION BACK ON THE AIR

Cookeville, TN: WKZX 28
229kW/265m
TL 3607'33"N, 8517'33"W
about 3km WSW of Monterey, Tenn., just
south of I-40.
Reported seen by Ed Phelps in late
September with home shopping.

NEW STATIONS ON THE AIR

Wheatley, ON: CHWI 16-:

Technical facilities unknown.
TL probably 42 03'41"N, 82 29'5"W
on the CHI-TV-22 tower near Cottam,
about 30-40km east of Detroit.
Independent, semi-satellite of CFPL-TV 10
London.
Seen testing by Bob Seybold in late
September.

Del Rio, TX: KTRG 10z:

316kW/352m;
TL 29 21'25"N, 100 23'16"W
East of Del Rio, near Brackettville.
Fox affiliate.

Greg Coniglio says this was reported on in
a trade magazine. You might mark this as
a "tentative" until someone logs them.

OTHER STUFF

The call sign change above (KJZZ-14)
isn't official, I've seen it listed in the trade
magazines but not in FCC information.
One place shows the new calls as KJZZ. In
any case, the station has been purchased by
the Utah Jazz basketball team.

Combined Communications has
changed its mind about selling WBFS-33
Miami and WGBO-66 Chicago. They'd
been negotiating with Chris-Craft, and
other groups had also expressed interest in
the stations. (there had been speculation
that Univision would buy WGBO & make it
a Spanish-speaking station)

A proposal has surfaced in Congress
to extend the 3% tax on telephones to cable
TV service.

WLOV-27 West Point, MS has been
sold to the owners of WTVA-9, in the same
market. (indeed, the stations share the
same tower) Although recent changes
allow the same firm to own more than one
radio station in the same market, it's still
illegal for the same group to own more than
one TV in the same market-- so I don't
know what's happening here. Best guess is
that WTVA will take WLOV off the air &
turn in the license, thus eliminating its
competition.

Also sold were WKYT-27 Lexington
and WYMT-57 Hazard. The stations had
been taken over by the state of Kentucky
when the insurance company which owned
them became insolvent. The new owner is
Gray Communications, owners of
WALB-10, WHG-7, and KTVE-10.
Another sale involves dark WHCT-18 (I

thought their license had been returned to the FCC?); this station's new owner also owns 51% of WHRC-46.

The company that developed the first practical video recorder, Ampex Corp., is getting out of the broadcast business. A heavily leveraged buyout in 1986 left the company suffering from heavy debt, and tough competition from Sony, Panasonic, and other VTR manufacturers left Ampex with a greatly reduced customer base; VTR sales dropped over 50% between 1990 and 1992. The firm will concentrate on its high-capacity data storage and high-end video production equipment lines.

CABLE ACT

Most of the Cable Act has withstood a challenge in Federal Court. Rate regulation, program access (the requirement that program providers sell to other technologies), and retransmission consent have all been upheld by Judge Thomas Jackson. Jackson had previously upheld the must-carry regulations. His ruling was based on his belief that the provisions upheld didn't regulate program content; they are "not telling the speaker what can or cannot be said."

With regard to retransmission consent, the judge wrote "Congress has independent constitutional authority to provide creative artists with copyright protection of their work." Provisions requiring public/government access and leased access channels were also upheld, as were those making systems liable for obscene programs on such channels, and those preventing civil lawsuits against city-owned cable systems.

Three provisions, however, did not survive. Judge Jackson ruled that regulation of how many homes a single cable firm might serve is unconstitutional, causing the FCC to put on hold a scheduled vote on its proposed ownership rules. He also overturned regulations prohibiting unscrambled previews of R-rated movies, and those requiring DBS systems to air a certain number of educational channels.

The provisions upheld by Judge Jackson can still be appealed, and the Supreme Court has agreed to decide whether must-carry is constitutional. A decision on hearing appeals on the other provisions of the Cable Act hasn't yet been announced.

As if cable wasn't already in enough trouble with the FCC and Congress... A

report in Broadcasting notes that Jones Intercable, which serves the Alexandria, VA neighborhood in which FCC chair James Quello lives, levied a late-payment charge against the Quellos when Mrs. Quello missed the payment deadline, for the first time in 8 years. That happened to be the same month Jones began charging for their converter box. Jones agreed to waive the late charge in light of the Quellos' excellent past record, but stood by the converter charge.

In another similar incident, the cable systems serving Malden and Medford, Mass., inadvertently overcharged customers after miscalculating basic cable rates. These two towns are in the congressional district of Ed Markey--the chairman of the subcommittee that oversees cable regulation.

RETRANSMISSION CONSENT

In most markets, the retransmission deadline passed without serious incident. Stations either had reached agreement before the deadline, or gave cable temporary extensions of free consent, providing more time for negotiations. Here in Nashville, WKRN-2 signed an extension, and WSMV-4 signed an (undisclosed) agreement on the last day before the deadline. WTVF-5 had announced several months ago that they'd reached an (also undisclosed) agreement. WZTV-17 signed on to the standard Fox plan. WXMT-30, WHTN-39, WPGD-50, and non-commercial WDCN-8 all chose must-carry.

However, in some places, stations did miss the deadline. Probably the biggest fight is in Corpus Christi, Texas, where none of the three network affiliates reached agreements with TCI and two smaller cable systems in the city. TCI's local manager admitted to Broadcasting & Cable that his system was losing 100 subscribers a week over the weeks leading up to the deadline--how many more were lost after the deadline isn't known. TCI had nearly 50,000 subscribers. Most of those who cancelled TCI have signed up for OmniVision, a wireless system. OmniVision now has 14,000 subscribers in Corpus Christi, an increase of 33% in one month.

The TV stations in Corpus Christi seem not to want the cash as much as recognition by cable systems of the value of their programming. KRIS-6 and KIII-3 offered to grant retransmission consent for free if TCI would reduce their bill by 60/month for each station, but TCI took out an ad declining the offer, claiming the rate regulations prohibited it.

Other stations known to be dropped on at least one cable system: WCSH-6 Portland, Me.; KBAK-29 Bakersfield, Calif.; WEAU-13 Eau Claire, Wis.; WCJB-20 Gainesville, Fla.; WWMT-3 Kalamazoo, Mich.; and undisclosed stations in Rockford, Ill. and North Carolina.

CBS, the last network to hold out for cash payments for carriage of their owned-and-operated stations, granted a 1-year free extension for cable systems carrying their stations. At the last minute, it tried to launch a cable channel (like ABC's ESPN-2 and NBC's public affairs channel) to offer in return for carriage, but cable systems wouldn't go for their proposed news & public affairs channel, and a proposed entertainment channel fell apart when partner Viacom became involved in a bidding fight over its merger with Paramount.

Arbitron decided to delay release of their overnight ratings for the week of Oct. 5. Stations and advertisers worried that the accuracy of automatic viewing meters would be affected by cable channel changes prompted by failures in retransmission negotiations. Another concern was that metered households would buy (or bring out of the basement!) a second, unmetered, TV for watching over-the-air broadcasts.

WPMT-43 provided some added value to cable systems that signed retransmission agreements-- a T-shirt reading "I survived the retransmission war"...

LPTV WATCH

Call	St	City; programming
W12CL	CT	Windsor Locks; OFF
W13BF	CT	Hartford; Univision
W36BJ	NJ	Atlantic City; TBN
W53AS	VT	Pownal; WETK-33 (PBS)
W63BT	IN	Evansville; Tri-State Sports
W65BX	MA	Springfield; Univision

This month courtesy of Greg Coniglio, Robert Delaney, and John Zeis. See also Fred McCormack's item for more LPTV info.

FORUM

Fred McCormack, St. Paul MN:

First, Fred has several corrections/questions on items that appeared in September LPTV Watch:

- K29AD Corsicana, TX: Fred's info lists this as moving to channel 30 as K30DG,

effective May 29, 1990. Also, it was once reported to Western TV as carrying The Learning Channel, and is listed as licensed to Navarro College-- does anyone know if Navarro is a religious institution?

- W41BW Dothan, AL: Fred lists calls as W41BN.

- K47FH College Stn., TX: Fred lists calls as K47ED.

Next, Fred asks "Do you have anything on the channel 43 in Virginia Beach which is being reported in Eastern TV-DX with HSC?" His LPTV lists are considerably more complete than mine-- but they show nothing in that area either. He speculates WVBT-43 has temporary authorization to operate with low power until their regular transmitter is ready; there is no record of WVBT being officially on the air.

A question has arisen regarding KLDL-55 Lake Dallas, TX. This station was reported dark in January 1993, after its backer, TV preacher Robert Tilton, was caught by ABC TV discarding prayer requests. Fred has received a TV DX report including three loggings of this station in July 1993; does anyone know if it did indeed return to the air?

In the same report, there was a logging of WMTU-16 Jackson, TN which indicated that the station relays WLMT-30 Memphis. Because WLMT isn't a Fox affiliate, this raised the question of whether WMTU was, in fact, Fox. My understanding is that WMTU relayed WLMT except during the Fox network schedule, at which time it carried the Fox programs. In any case, this is now a moot point; as indicated in Tom Bryant's contribution to October Forum, WMTU is now LMA'd as a satellite of Fox affiliate WPTY-24.

With regard to Frank Aden's report of LPTV goings-on in Boise: "That channel 22 in Nampa ID should be on by Thanksgiving - in fact, it should be cancelled by now! They must be convincing the FCC that they are actually building it." (the FCC requires construction to begin within a specified period of the date a CP is granted; it also provides a specified period within which the station must come on the air. How this jibes with WTVU-59's CP, open since 1953, I have no idea!) "The Idaho Statesman article must be referring to the construction permit for K22DX." This CP is for 23.2kW at 4345°18"N, 11605°52"W, the same coordinates as K26CY and very

close to (possibly on) the KBCI-2 tower. Plans to use an existing tower may explain why the Deer Point authorities don't know about K22DX.

The Oregon PBS translator displaced by KHDT-9, K09OD, is to be replaced by K15DY. This translator is authorized for 1.16kW at 4403'53"N, 11654'14"W, about 16km WSW of the K09OD site. Fred's database, dated May 29, shows no CPs or applications for channels 30 or 32 in the Boise area.

unID phone caller:

Someone left a message on my machine in early October reporting channel 36 in Atlantic City, NJ on the air with TBN. Unfortunately, the machine garbled their name! This TBN is a LPTV; see John Zeis' report below.

John Zeis, Exton PA:

John also notes the appearance of TBN in Atlantic City. He believes W36BJ came on in early September. The most recent CP is 19.9kW; "When received here (78 miles), it is noticeably stronger than "full power" 12kW WWAC(-53)".

John also has a better explanation for Gus Mancusco's observations about cable carriage in the Baltimore and Washington areas. "Must carry applies only to stations within the ADI (Area of Dominant Influence) of the cable system." (actually, "dominant influence" refers to influence of the over-the-air stations in a given city of license) "Washington, Baltimore, and Harrisburg-York-Lancaster-Lebanon (PA) are separate ADIs. Therefore, Washington stations do not have to be carried in Baltimore or in Howard County which is in the Baltimore ADI. Frederick, although closer to Hagerstown, is part of the Washington ADI, so channel 68 (WJAL) does not have must carry status. Also, even if Washington and Baltimore were in a single ADI, only one of each network affiliate must be carried."

"ADI definitions cause problems for many small town stations. If they are in small ADIs, they may have must carry status in as little as a single county. For example, the Hagerstown ADI is so small (Western MD only), the WJAL transmitter in PA is outside the ADI. Another problem is stations at the edge of a large ADI. Several stations, including WMFD, Mansfield, OH have petitioned the FCC to be considered part of another ADI that they border."

ADIs are calculated by Arbitron; an

ADI contains all the counties in which the majority of viewing is of stations licensed to the city or cities after which the ADI is named. So, for example, if 55% of all TV viewing in Rock County, Wisconsin is to Madison stations, that county is placed in the Madison ADI.

The FCC recognizes Arbitron's calculations in several places in the rules, including the must-carry regulations, although the Commission can also, as John indicates, override Arbitron's definitions for regulatory purposes. ADI definitions can be found in the Television Factbook, at the head of the listings for each state; also, the entry for each commercial TV station indicates which ADI that station is located in. My apologies for not catching this-- it answers a number of Cable Act questions that have appeared over the last few months.

Greg Coniglio, Williamsville NY:

Greg writes via the Internet... He visited the National Radio Club convention in Enfield, CT in August, and passed along a number of LPTV notes. Regarding W12CL, Mike Bugaj told him it was run from someone's home, using a VCR & an antenna on the roof; he applied for permission to build a tower & when it was turned down, he shut down the LPTV.

Greg has noted a "one-way" opening; reportedly, Bill Eckburg in Illinois called to report he was seeing the Western New York stations with good signals, while there was no propagation to Illinois from the New York end. My belief is that this was probably a "duct" opening, where a "natural waveguide" forms in the troposphere. These "waveguides" have a definite top & bottom, and antennas outside these limits won't receive (or transmit) DX signals. In this instance, the Illinois end of the waveguide was near the ground, while the New York end was several hundred feet in the air; the transmitting antennas of the Buffalo-area locals were in the guide, but the lower receiving antennas in the area weren't. Similar effects have been noted by VHF hams on the California-Hawaii tropo duct; sometimes, only stations in high locations are able to contact the DX-- on other occasions, only lower stations get the DX.

"I received an aircheck of a Wilmington, NC (radio) station and there were promos on there for a "Fox 9" TV. LPTV?" No, it's a cable channel. In a limited number of markets-- Wilmington and Bismarck ND are the only two I know of-- where there is no over-the-air Fox

affiliate, Fox has signed agreements with cable systems allowing them to carry the satellite feed. I believe a special feed is provided, with syndicated programming to fill the periods when the Fox network isn't on the air. The cable system is allowed to sell local commercials within this feed. Greg also says he received a copy of a Cambria, Calif. newspaper which lists a "KSBY-4 San Luis Obispo". Problem is, KSBY is on channel 6! I can't find any LPTV/translator listing on channel 4 in that area either. My guess is that the Cambria cable system carries KSBY on channel 4.

In another message, Greg says Buffalo stations have been running announcements that their cable positions have been moved to their over-the-air channel because of the Cable Act. "(I didn't know it had anything to do with that?)" (neither did I!) WGRZ-2 used to be 3, WIVB-4 was 6, WKBW-7 was 8. WUTV-29 was 12, moved to 8; WNYB-49 now on 12. (presumably added because of must-carry) CBLT-5 and CFTO-9 have been moved to their over-the-air channels as well. "We used to get TV Ontario but they took that off awhile back, same with CHCH-11 and WPIX-11, for other cable channels..." "We have been getting mailings from the cable company saying how wonderful cable companies are, and how evil stations that want money from them are!"

Bill Nienajadly, Clifton NJ:

As always, Bill sends a wealth of clippings! Let's start with retransmission consent in northern New Jersey. As of October 4, the day before the deadline, of the 7 VHF stations in New York City, (apparently the North Jersey Herald & News doesn't care about UHF!) only WWOR-9 and WNET-13 had reached agreement with all five cable systems in the area-- and the paper said that, with the exception of WWOR on TCI Cable, the two stations had invoked must-carry rather than asking for compensation. WPIX-11 had reached retransmission agreement with only one cable system; while WCBS-2 only lacked agreement with one system. (however, CBS had given up on receiving compensation & was offering limited-term free carriage of their owned-and-operated stations, like WCBS.) On one system, WNYW-5's agreement amounted to an extension for negotiations through December 7. In the same paper, two days later (the day after the deadline), David Capo, spokesman for TCI Cable, said "No one will be waking up to snow unless we have some sort of weather anomaly." Agreements had been reached with all

stations.

A widely-publicized story reported that on September 23, the FCC allocated 160MHz for wireless communications. The spectrum is to be taken from fixed-service users like railroads, utilities, and pipeline companies-- unfortunately, none of the articles specify exactly which 160MHz is to be taken! In each market, 120MHz of this spectrum is to be split into seven blocks, each block to be auctioned to the highest bidder. It's hoped that \$10 billion or more can be raised through these auctions, money that would go to the federal treasury. The remaining 40MHz is to be reserved for non-commercial users, such as university communications.

No technical standards have yet been set for the new service, except that it will be digital. MCI's VP for Personal Communications Services, Steve Zecola, told Broadcasting & Cable "It's AM stereo all over." The FCC's failure to define technical standards for AM stereo broadcasts in the late 1970s led to reluctance by broadcasters to broadcast in stereo, and reluctance by radio manufacturers to build stereo radios; today, AM stereo is nearly non-existent.

The highly-publicized show "NYPD Blue" is receiving excellent ratings, despite being "blackout" in 47 markets containing 11% of ABC's potential viewers. A report in the NY Daily News said the premiere episode earned the best ratings for a 10PM Tuesday show since early 1989. The largest market to preempt the show is Dallas, where WFAA-8 refuses to carry the program. In two markets where the local ABC affiliate has refused to carry the show, other stations have agreed to carry it-- in Dallas, KTXA-21, and in Cape Girardeau, MO (where the ABC affiliate is WSIL-3 Harrisburg, Ill.) KBSI-23 will carry the program.

Ten ABC affiliates said they objected only to the premiere episode, and would carry the rest of the series. On the other hand, WTVQ-36 Lexington, Ky. held a 900-number poll on the program, in which 58% of almost 39,000 voters objected to the program; the station promised to act on the poll's results, and will drop the show. An ABC executive admitted to the Post that some affiliates carrying the show had received death threats!

Congress is revisiting the Cable Act. Under pressure from a congressional committee, the FCC has surveyed the 25 largest cable firms, trying to determine if

complaints of rate increases since the adoption of the Act are justified. The firms are being asked to provide rate cards and channel lists for April 5 (the date rates were frozen) and September 1. (the date new rates went into effect) I suspect they'll find that rates for basic cable did indeed stay the same or drop-- but that popular items (such as converters) and programming (such as ESPN and MTV) that used to be free are now extra-cost options, and that the price of premium channels has risen.

Yet another hearing is to be held on commercial length. The Commission is to decide whether to place limits on the amount of commercial time per hour, or per day; whether any restrictions should be regulations, or simply a factor in determining whether a station's license should be renewed; and whether home-shopping stations have a role in providing competition to non-broadcast services. Obviously, the adoption of commercial-time-per-hour restrictions would seriously alter the nature of-- if not eliminate-- over-the-air home shopping stations. Regulations could, however, also affect "infomercials"-- or even the number of "regular" commercials-- on non-home-shopping stations.

NYC's Consumer Affairs department has charged retired baseball star Johnny Bench, and the Home Shopping Network, with airing misleading claims about the value of autographed baseballs. According to an Oct. 8 article in the Daily News, Bench & his co-host claimed the baseballs were a "sensational value" at \$129-- while they could be purchased at baseball card stores for \$35. A number of other items of baseball memorabilia were hawked for "incredible" prices between \$8 and \$130 more than they could be purchased for locally. Bench faces possible fines of \$5,000 or more, and the HSN could be fined \$12,500. In a separate case, another home-shopping show on the MSG cable channel is charged with similar misleading claims & could be fined \$5,000.

Tom Bryant, Nashville TN:

Tom sent an item on DBS from the September 2 McLean Co. Independent. (Washburn, ND) It reports more details on the DirecTV DBS system. Local communications cooperatives (telephone companies? Would ask Tom but he's on vacation until after my deadline...) are obtaining franchises for several areas of North Dakota. Service is expected to start in April 1994, with most well-known non-premium services to be carried, (MTV, VH-1, and ESPN are conspicuously absent,

but the article says negotiations are continuing on other channels) along with pay-per-view movies from several major studios.

A basic package of 20-25 channels will sell for \$20-30/month; subscribers can then opt for up to 125 additional channels. The 50cm (18") dish & converter will sell for a one-time \$800 charge; an additional converter box can be added for \$600 which will allow viewing a different program on another TV. A regular TV antenna will continue to be necessary for reception of local channels.

DX ETC.

Actually, I'm being inundated by new FM locals! There have been several tropo lifts, nothing too exciting. Have heard of some pretty impressive tropo elsewhere though; stay tuned to the DX columns! The F2 conditions on the 28MHz ham band have been improving rapidly; I wouldn't be too surprised to see more F2 TV loggings this winter.

It's a major relief to have retransmission negotiations behind us-- wasn't looking forward to the prospect of hundreds of phone calls from viewers wondering why WSMV wasn't on their cable anymore!

There have been a couple of inquiries about my distance-calculation program, as printed in September VUD; this program is still available in both DOS and Windows versions, or as a MS-Works for Windows spreadsheet; only cost for this program on 720K 3-1/2" disk is a self-addressed, stamped, disk mailer; I can also provide 360K or 1.2MB 5-1/4", or 1.44MB 3-1/2", if you send a blank disk. Sorry, no Macintosh version available. (though I hope to have better news on that shortly)

I'm trying a different program for writing this month's column; I hope it'll make for more even columns & easier writing. It should also (hopefully) allow easier integration of graphics-- but the chart I'd prepared to go here isn't here because I couldn't talk Windows Paintbrush into exporting it to a format the publishing program could deal with!

73 Doug

NOVEMBER 1993

Akron NY 14001-9529

Dave Nieman · Rock City New York Equipment: Harvard 13" color receiver/monitor, Channel Master 3617B VHF antenna at 15' AGL (2405' ASL) on a Radio Shack rotor, RG-6 coax feed into Winegard FT-7600 FM trap and DA-205 distribution amp. Antennacraft P-7 (7' dish) UHF antenna into a DX Tele Lab EU-4S preamp at 25' ASL (2415' ASL) on a Alliance U-110 rotor, RG-11 coax feed.

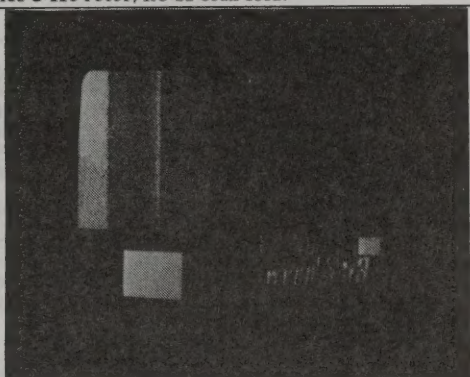
WPGH-53

**Pittsburgh
Pennsylvania**

133 mile tropo

seen July 5, 1993

at 0420 EST



Jeff Kadet-Macomb Illinois. Equipment: ICOM R7000 with video adapter; Zenith N1310 13" color set. Screened Channel Master 7' dish and RDX UA-900 UHF preamp, feed is .500" aluminum hardline, antenna up 85 feet. Channel Master 1110 Quantum with Winegard PA-1975 VHF preamp, feed is .500" aluminum hardline, antenna up 80 feet. Winegard 5 element lo-band yagi (vertically polarized) with RG-11 feed, antenna up 18 feet.

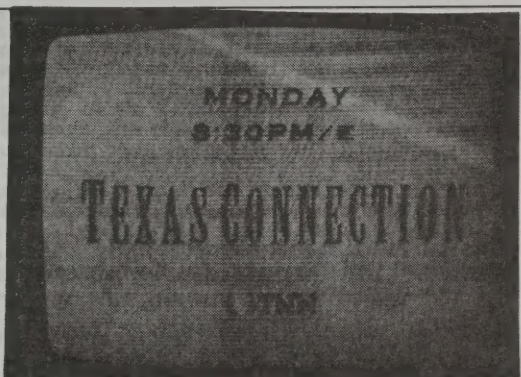
W65BN

**Iron Mountain
Michigan**

390 mile tropo

seen March 27, 1993

at 2010 CDT



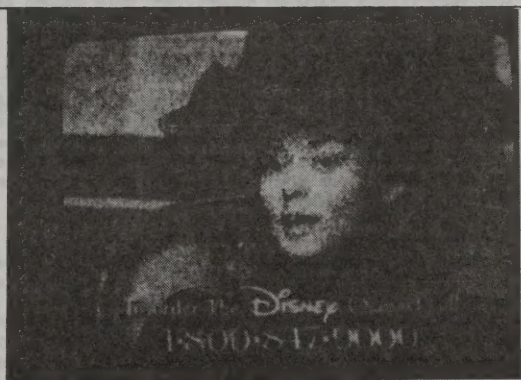
K69BA

**Iron Mountain
Michigan**

390 mile tropo

seen March 27, 1993

at 2010 CDT



More from Jeff next month.

DAVE

EASTERN TV-DX

Stephen West
26 Dougherty Blvd. G-8
Glen Mills, PA 19342
(215) 358-2648

November 1993

Deadline: 11-05-93

Many more reports of Hurricane Emily DX have been reaching this Eastern TV-DX command control center. Some ducting was noted in September but was not the strong, widespread type that we all know and love. Some of the best tropo was noted (not including Emily DX) on September 13th (NC to GA), 17th (ON to MO), 18th (TN to MO) and the 25th (ON to IL). Quick moving fronts have stifled much DX.

Doug Smith, 14 Brookside Court, Nashville, Tennessee W9WI

Equipment: Sears 19" stereo TV: rabbit ears (VHF): Radio Shack 60 mile corner reflector at 5' for UHF.

June 1993

1 tr 0700 WKEF-22 OH (275) (t)
WTTE-28 OH (339)
WLKY-32 KY (158)
WTVQ-36 KY (182) (t)
WDRB-41 KY (157)
WRGT-45 OH (276)

June 1993

1 tr 0700 WKLE-46 KY (178)
WCET-48 OH (234)
WKON-52 KY (193)
WCVN-54 KY (229)
WDKY-56 KY (160)
WSTR-64 OH (234)

Comments: I first thought WTTE-28 was WKZX-28, reported as back on the air by Ed Phelps the previous weekend, until I noted it was parallel to WDRB-41 with Fox cartoons. I finally saw a Columbus ad and an ID at 0730. I was late for work but my boss chose to go on vacation. I am surprised how often Dayton/Cincinnati openings occur, Dayton was about as far as I ever saw from Wisconsin... openings down here occur during unusually cold weather. My vacation DX attempts from New Orleans, Houston and Springfield, MO produced nothing but locals. I should be a first-time homeowner soon, then the DX situation should improve rapidly. (Good luck! sw)

TOM BRYANT - 849 TODD PREIS DRIVE - NASHVILLE, TN 37221 - 615-646-2000 - (COT)

EQUIPMENT: (same as Sept. '93 report)---station total now 383

Heaven't reported for the past couple of months because there hasn't been much going on. Did very little DXing in August, and only bagged two new catches in September...both on the 18th...and both on my 'most wanted' list!

Tr 2300 KOZJ 26 MO 429

Tr 2329 KOAH 7 KS 440

After a phone conversation with Jeff Kruszka I was convinced that I had incorrectly logged KZPP (20) LA on June 2. Don't know what I saw (might have been Montgomery) but Jeff and Ron LeBlanc say the station has never gone on the air. Normally I need to see an ID or something that leaves no room for doubt [my notes mention a spot for New Orleans on 20], but with the big opening into LA that night I just assumed that KZPP was on. Further proof that one should not 'assume'!

During trips in June and August I managed to see a few Tr skippers via cable system pickups. In Mankato, MN in June, KWQC (6) IA came blasting in when KAAL dumped their carrier. A few minutes later KWQC signed off and was instantly replaced by WITI in Milwaukee. The same night MN PBS KSMQ (15) was replaced at s/o by a s/f KOIA in Ottumwa. In August I spent two nights in a motel in my hometown (Napoleon, ND) and plucked a pair of 7's...KQCD (Dickinson..about 175 miles) and CKY (Winnipeg..about 325 miles). The receiving antenna in Napoleon is about 150' up the city water tank and oriented ENE for KJRR (7) Jamestown, ND; which had signed off by the time I stumbled in from a class reunion party at 2:30 in the morning! That's it...73's and goodDXing. Tom

Dave Nieman - Ho Sta Geh Road - Rock City New York

Equipment: Harvard 13" color receiver/monitor, Channel Master 3617B VHF antenna at 15 feet AGL (2405 feet ASL), on a Radio Shack rotor, Belden RG-6 coax feed into a Winegard FT-7600 FM trap (set to 95.7MHz) and Winegard DA-205 distribution amp. Antennacraft P-7 (7" dish) UHF antenna into a DX Tele Labs EU-4S preamp at 25 feet AGL (2415 feet ASL) on a Alliance U-110 rotor, Jerrold CAC-11 coax feed.

New loggings are underlined. New call (K4KKK).

August 1993			August 1993			September 25, 1993 continued		
22 Tr	0846 <u>WCFE</u>	57 NY	295 29 Tr	0525 <u>WPVI</u>	6 PA	218 Tr	0844 <u>WHIO</u>	7 OH 340
	0847 <u>WVTB</u>	20 VT		0541 <u>W69CS</u>	NY		under WKBW Buffalo	
	0854 <u>WETK</u>	33 VT			Buffalo "The Box"		0857 <u>WPTD</u>	16 OH 341
	0930 <u>WBFF</u>	45 MD		0552 <u>WTMW</u>	14 VA		0859 <u>WGGN</u>	52 OH 227
22 Tr	1000 <u>WTWS</u>	26 CT			Arlington "HSC/Spree"		0900 <u>WTTT</u>	28 OH 264
	1059 <u>CIII2</u>	2 ON		0759 <u>WTBY</u>	54 NY		1000 <u>WBGU</u>	27 OH 287
	1158 <u>WGTE</u>	30 OH		257 September 1993			1030 <u>WWTW</u>	9 MI 376
	1200 <u>WUPW</u>	36 OH		258 25 Tr	0300 <u>WOWK</u>	13 WV	1730 <u>CKCO3</u>	42 ON 193
28 Tr	0900 <u>CICO12</u>	12 ON		212	"All News Channel"		1800 <u>CKCO2</u>	2 ON 243

I've seen some fair morning tropo openings in August and September. I am still waiting for one of those 500+ mile ones. I have been clearing away some of the trees around the shack every weekend: that has helped reception on the UHF band. Dave (Logging trees and logging DX at the same time? How about putting an antenna up in a tree? sw)

B.M.I

Dave Nieman - 12284 Nice Road - Akron New York 14001-9529

Equipment: RCA 19" b&w TV with Teknika 6510 tuner, Channel Master 3617B VHF antenna on a CDE rotor at 23 feet AGL (813 feet ASL). Channel Master 4251 UHF antenna (7" dish) into a Blonder-Tongue CMA-Ub preamp on a crank up tower at 33 feet AGL (823 feet ASL) with Alliance HD-73 rotor. Using Jerrold CAC-11 coax for both antenna.

New loggings are underlined. New call (K4KKK).

August 1993			August 1993			August 1993		
3 GW	0009 <u>W69CS</u>	NY	1810 Es	1316 <u>KBTX</u>	3 TX	1288 21 Tr	0800 <u>WGKI</u>	33 MI 351
		Buffalo "The Box"		1320 <u>WLBT</u>	3 MS	983 22 Tr	2337 <u>CFMT1</u>	89 ON 142
4 Es	1400 <u>KLNE</u>	3 NE 1091		1329 <u>KTBS</u>	3 LA	1097	London	

Two new channel 69s to report in August. Local one is Video Juke Box Network in stereo 24 hours a day. There signal isn't very strong out here so there was no trouble seeing the other new channel 69 CFMT1 London, Ontario. They repeat CFMT-47 Toronto, Ontario. Dave

George Hamer, 3000 Ocean Parkway, Apartment 10M, Brooklyn, N.Y. 11235

Equipment: Sharp Color TV (model N25NTS8), Channel Master 4228A antenna on the balcony pointing southwest, Radio Shack U-75 UHF antenna pointed northeast. Both antennas are for UHF. A Winegard PA-8275 is used on the CM antenna.

August 1993

27 tr 0850 WETA-26 DC
 29 tr 2100 WGNT-27 VA
 30 tr 2300 WUNM-19 NC
WGBT-12 VA s/f
WUNP-36 NC

Comments: My antennas have to be on the balcony because no one is allowed on the roof. (not even Santa Claus? sw) I used a 13" color Sony TV I recently purchased to pick up WPRI-12 and WJAR-10, in Rhode Island. This is my fifth year of TV DXing.

Jeff Wolf, 1131 University Blvd., Apartment 701, Silver Spring, MD 20902

August 1993

31 Es 1902 UNID-3 0 offset

September 1993

1 tr 0145 Raleigh, NC U's
 5 Es 2045 UNID-2 + offset

September 1993

6 Es 1154 UNID-3 PBS
 13 tr 0900 WNEP-16 PA
 18 tr 0230 WAAP-16 NC (251)
 25 tr 0235 WYED-13 NC (248)
 0238 WBTW-13 SC (t) cci

Correction: Last months logging by Mike Bugaj on August 30th at 2300 was WYED-17 NC and not WUNM-19. This was a new one for Mike, Conratulations and many happy returns. (verifications, that is.)

Bob Smolarek, 31 Mark Drive, High Bridge, New Jersey 08829

Equipment: Teknika TVC-22, Channel Master 7475 UHF broadband pre-amplifier, Zenith Chromacolor 2 TV

July 1993

15 Es 1738 WPBT-2 FL (1061)
1813 KGAN-2 IA (855)
1908 KQTV-2 MO (1050)

August 1993

4 tr 0700 WRIC-8 VA (263)
0731 WWBT-12 VA
13 Es 1900 WBRZ-2 LA (1161)
27 tr 0900 W67BG DE
28 tr 0905 WFPT-62 MD (161)
30 tr 2000 WITN-7 NC (391)
2030 WNCT-9 NC (391)
2100 WUND-2 NC (339)

August 1993

31 tr 0015 WZXX-65 VA (239)
0020 WWBT-43 VA (HSC)
0115 WJKA-26 NC (487)
0130 WLFL-22 NC (404)
"almost overloading!"
0150 WTVD-11 NC (398)
0153 WRAL-5 NC (398)
0827 WLTX-19 SC (557)
0900 WBTW-13 SC (499)
0920 WCCB-18 NC (491)
0930 W52AX MD
Leonardtown w/MSTV



Comments: Hurricane Emily produced some great TV tropo, channel 7 from Washington, NC was dominating, and channel 22 from Raleigh was snow free! This was truly a classic opening! I had WBTW-13 from Florence, SC on a portable TV, the best catch of the opening. Channel 11 had Raleigh under a strong WBAL-11 in Baltimore, and WPIX-11 in New York was gone. (Thanks for the 96-TIC chart! sw)

Frank Wheeler, 8533 Wattsburg Road, Erie, Pennsylvania 16509

Equipment: Crosley color TV, Archer VU160 TV antenna

July 1993

25 Es 1530 WEDU-3 FL (988)
2100 WESH-2 FL (908)

August 1993

4 Es 1530 KSNC-2 KS (1009)
10 Es 1630 KSNC-2 KS (1009)
1730 WEDU-3 FL (988)

August 1993

10 Es 1900 WPBT-2 FL (1112)
11 Es 2100 WESH-2 FL (908)
19 tr 0820 WMCU-14 MI (254)
23 tr 0900 CFMT-69 ON (118)

"Have a good fall, may your favorite baseball team win!"

Joseph Fela -150 Robert Place - South Plainfield, N.J. - 07080

Equipment: G.E. monitor, Antennacraft P-7 dish @ 35 ft., Winegard PA-4975 amp, rotor.

Tropo compliments of Hurricane Emily:

AUGUST 1993

30

0100 W44AD VA (Onancock, t-WTKR-3), near snowfree
0112 W2SAA VA (Onancock) translating WPDE-15 instead of normal WHRO.
2000-2400 Eastern Shore and Norfolks strong
plus NCs WYD0-14, WUNM-19, WUNP-36,
WUNJ-39 and even WNCT-9 over local
WWOR (with phasing)

31

????-58, Home Shopping Spree, in/out all nite
0104 W52AX MD (Leonardtown), seemed to be MSTV
0130 WLFL-22 NC
0145 Scranton and Central PAs quite strong.
0200 WUHF-31 NY, Fox 31, Rochester ad.
0207 WRDC-28 NC c/b, then off.
0510 W56-- PA (Lake Ariel, t-WVIA-44), tnx to Harry Hayes for IDing.
0513 WJZY-46 NC
0514 WPDE-15 SC with c/b
0525 WCCB-18 NC Fox 18, Home Shopping Spree
2025 WUNI-27 MA
2035 WFXT-25 MA o/local WNYE (with dish pointed at WNYE!) Other Bostons also in.
2100 WRLH-35 VA o/WYBE

Comments: Local pest W36AS was off for a few days during this period, but is now back on with 24 hour a day programming. WMBC-63 has also gone 24 hours.

Rich Shaftan, 39 Old Middletown Road, Rockaway, New Jersey 07866
(201) 586- 3563
Beeper (201) 661- 5662

Equipment: VHF Channel Master 3517 with a RS 20 db amp (5 db noise)
and for UHF: a Channel Master 7 foot dish, PA-8275 Winegard amp, RDX
Labs balun, RG6 coax, Blonder Tongue amp provides an additional 20 db
gain and 4.5 db noise. Total system gain is 50 db.

June 1993

15 Es 1112 WJXT-4 FL
WESH-2 FL
WEDU-3 FL
1300 WTVY-4 AL
17 Es 1100 WDAF-4 MO
1105 KGAN-2 IA
24 Es 1812 WBTV-3 NC
30 Es 1233 CJCN-4 NF "NTV"

July 1993

1 Es 1238 WESH-2 FL
6 Es 1530 KGAN-2 IA
31 gw 0852 NJN on CH. 49?

August 1993

3 Es 1916 KDLH-2 MN
1920 WJMN-3 MN
11 tr 0112 WCTI-12 NC
0129 WFXI-8 NC
0325 W41AC VA (WAVY-10)
1000 WUND-2 NC
30 tr 2132 WNCT-9 NC
2140 WITN-7 NC
2143 WUNP-36 NC
2222 WEDY-65 CT
2358 WVR-29 VA

September 1993

1 tr 0830 WCVW-57 VA

Also seen on 8/11 at 0252 was WPHL-17 on channel 42 with the antenna
pointed north. On September 1st at 0825 there was a UNID-69 with
religious programs, antenna was pointed south. W41AC was in at the time.

William R. Hepburn 35 Lockwood Rd Brampton ON L6Y 4T7 (EDT)

Rcvr: JVC HR-D630U VCR & Icom IC-R100

Ant: attic UHF dipoles & 2nd floor UHF 4-bay

September 1993

01 ES 2039 MUF 4	17 TR 0303 CHWI-16 ON 177	25 TR 1532 WLAI-53 MI 255
03 TR 2029 WANE-15 IN I	Wheatley	Lansing
13 AU 0217 unids 2-9	2035 KSPR-33 MO 822	1537 unid-26 Chinese
17 TR 0251 WJBK-2 MI 193	Springfield	(WCUI?)
Detroit	18 TR 0355 WNEM-5 MI I	1602 WCFC-38 IL 416
		1621 WYCC-20 IL I

NOTES

Se 17 TR - CHWI-TV 16 seen testing w/tp w/"SOUTH WESTERN ONTARIO
BCST". Xmtr in Twp. of Romney (Kent Co.). Same Twp.
that Stevenson-22 is located.
- KSPR 33 Missouri a new Tr distance record for me!
822 miles breaks my old record of 603 miles (WHNS-21 NC).
Audio only w/clear IDs heard. This was a very weak duct.
There were a number of unids, again audio only. The ICOM is
invaluable..as openings too weak to produce video can often
be detected.

Stephen West, 26 Dougherty Blvd. G-8, Glen Mills, PA 19342 N3FYO

Equipment: Icom R100, 4-bay UHF antenna, Winegard PA-4975 amp

September 1993

1 tr 0800 WUNM-19 NC (320)
WHMC-23 SC (430)
WTAT-24 SC (510)

From Nags Head, NC

13 tr 1000 WUNE-17 NC (330)
WHNS-21 NC (380)

September 1993

From Nags Head, NC (cont.)
13 tr 1120 WUBI-34 GA (400)
1130 WHSG-63 GA (480) EBS Test
WGNX-46 GA (500)
WPBA-30 GA (500)
1500 WBRA-15 VA (250)
1530 WUNL-26 NC (250)

Comments: Also seen during Hurricane Emily DX were tentative
loggings of W18AA-in Sprockingham county with WLXI-61 NC, W19BC +
Lynchburg, VA with Family network, W32BA in Lynchburg, VA with
religious programs and W69CJ + in Fredricksburg, VA. I am not
sure these stations are on the air but they were the logical answer
for UNID LPTVs logged. WFCT-62 is now WFAY-62 in Fayetteville, NC.
W36AT in Atlantic City, NJ is on with Trinity. (much stronger than
WWAC-53) WFMZ-69 Allentown, PA was in strong, testing high power?

WESTERN TV-DX

Fred McCormack
PO Box 65666
St. Paul MN 55165-0666

(612) 735-6860

November 1993

Deadline: 12-09-93

Cut-off: 09-01-93

E skip was only reported on two dates in September, those being the 2nd and 3rd when Mike Cherry noted auroral E. Tropo was another story with a number of days of super tropo. September 16-17 saw a tropo path in excess of 1100 miles open from Texas to Wisconsin. Other hot tropo dates into Illinois were September 12, 17-20, 22, and 24-25.

New ___ New Mode ___ Tent. - t Unidentified - unid S/On - + S/off - =
ID Color Bars - ● Unid Color Bars - % Misc. Test Patterns - &
Parallel Programming - // MTS Stereo - \$

ANC All News Channel	CTN Cornerstone ???	TBN Trinity Broadcasting
CBN The Family Channel	ESP ESPN	TBS TBS SuperStation
CHA Channel America	HSC Home Shopping Club	TNN The Nashville Network
CNN Cable News Network	HSS Home Shopping Spree	VJN Jukebox Network
CSP C-SPAN	TAB Three Angels Bcstg	VVN ValueVision Network
BN Baja California Norte	NL Nuevo Leon	
CH Chihuahua	TA Tamaulipas	

William Eckberg, 1032 Sterling Road, Dixon IL 61021

CDT

Equipment: See September 1993 Western TV-DX.

August 1993

3 Es 2100 WPBT 2 FL 1229	17 tr 0730 KFKX 51 TX 697	18 tr 0500 WZDX 54 AL 503
2210 WESH 2 FL 983	0750 KARD 14 LA 651	0520 WKPT 19 TN 508
5 Es 1525 ICR2 2 Cuba	1045 KXLN 45 TX 919	0525 WDEF 12 TN 512
ICR2 5 Cuba	1110 KWKT 44 TX 825	0630 WTLK 14 GA 562
	1230 KTF0 41 OK 519	0635 WAFF 48 AL 503
	2300 WTT0 21 AL 582	19 tr 2315 WBMG 42 AL 582
	2310 WBMG 42 AL 582	2325 WTT0 21 AL 582

September 1993

6 tr 1900 WXMT 30 TN 408	2320 WZDX 54 AL 503	20 tr 0001 WABM 68 AL 582
16 tr 2200 KARD 14 LA 651	2335 WAFF 48 AL 503	0015 WAFF 48 AL 503
2230 KETK 56 TX 747	2345 WABM 68 AL 582	0020 WZDX 54 AL 503
2240 KFKX 51 TX 697	18 tr 0025 WXVT 15 MS 570	0120 WAAY 31 AL 503
2300 WMPN 29 MS 651	0030 WMAW 14 MS 645	0220 WHNT 19 AL 503
17 tr 0025 WNTZ 48 MS 709	0040 WMPN 29 MS 651	24 tr 0500 KSAX 42 MN 404
0100 KTBO 14 OK 612	0050 KARD 14 LA 651	2315 WOUX 44 OH 409
0120 KRIV 26 TX 893	0100 WVAL 44 AL 551	25 tr 0420 WYTV 33 OH 450
0125 KTMD 48 TX 914	0200 WCOV 20 AL 666	0423 CFMT# 69 ON 419
0130 KTXA 21 TX 757	0230 WFLI 53 TN 512	(London)
0205 WMAW 14 MS 645	0240 WVEU 69 GA 610	0435 WKBN 27 OH 450
0225 KHSH 67 TX 913	0245 WGNX 46 GA 610	0455 WEOA 49 OH 404
0240 unid ch 48 CHA	0305 WHNT 19 AL 503	WNCO 45 OH 426
0245 KTXH 20 TX 893	0310 WJSU 40 AL 585	0500 WPXI 11 PA 491
0255 KHBS 40 AR 513	0335 WTBS 17 GA 610	0505 WNPB 24 WV 508
0300 KHTV 39 TX 893	0400 WATL 36 GA 610	0525 WPGH 53 PA 491
0310 KMSS 33 LA 681	0410 WCFT 33 AL 593	0600 WOIO 19 OH 401
0330 KLAx 31 LA 681	0425 WVTM 13 AL 582	WAKC 23 OH 404
0400 KDFI 27 TX 738	0435 WMTU 16 TN 419	W29AI 29 OH 404
0730 KETK 56 TX 747	0500 WABM 68 AL 582	(Akron CHA)

Two good tropo openings after mid September netted 18 new stations. Reception centered on the Houston area the evening of September 16 and on the Atlanta and Birmingham areas the next evening, with the strongest signals ever from Atlanta. Over half of the 57 loggings of the first opening were 600 to 900+ miles distant. The opening on September 24 was 500 miles plus, very narrow and centered on Pennsylvania.

My UHF system was back in operation in early September. The 7' dish is screened with a dramatic increase in directivity and a modest increase in sensitivity. Cincinnati 64 at 307 miles emerged as a scatter signal in 100% of the time. Evansville 14 emerged from a scatter signal to watchable at 270 miles. Improvement in sensitivity was most pronounced at the high end. Houston 67, Birmingham 68, and Atlanta 69 were first in and last out. All three were new loggings! New Canadian, London 69, was logged the next opening.

William Eckberg (continued) I used a different method of screening than anyone has used before. The antenna was modified in two hours, is neat, and is sturdier. I did not use hardware cloth. The Yaseu 400RC is the first rotor I've owned that stays in synchronization. Markings are in 5° increments. The increased directivity of a screened dish and the clean signal with no overload of the UA900 are directly responsible for my 18 new loggings. With my setup of three years ago, I could never have logged them. Two examples: Barely detectable Houston 26 at 900 miles was logged with Chicago 26 on the air 88 miles to the east. Atlanta 36 at 600 miles plus was logged pointed at 5 million Watt La Salle 35 at 30 miles, etc. Both were new.

A Channel America station almost due south was in for an hour on September 17 on channel 48. Any ideas? (WNTZ according to Jeff Kadet's report. fm)

Frank Aden Jr., 4096 Marcia Place, Boise ID 83704 N7SOK

MDT

Equipment: See September 1993 Western TV-DX.

<u>August 1993</u>	4 ms 0121	●KENW	3 NM	970	17 Es	2000	KFDX	3 TX	1160
4 ms 0108	●KENW	3 NM	970	16 ms 0237	KTVK	3 AZ	745	KXAS	5 TX 1290

The Perseids did not turn out as good as I hoped for IDs, lots of bursts but too many unid color bars or stations running over night type news. I saw repeatedly a standard type color bar on channel 3, but have no idea and not enough details to make an ID. Hope to have some photos for Photo-News.

I will continue to check for WTFDA'er hams on Saturday on 28.440, will also do so on Saturdays and even possibly later time periods if band is open.

73, Frank

Mike Cherry, Box 631, Ganges BC V0S-1E0 (604-537-5201)

PDT

Equipment:

Kenwood RZ-1 receiver, channel 6 crystal trap. Hitachi 5" black & white monitor, Sony Beta Hi-Fi MTS VCR, Archer 15-578 variable signal attenuator. Antennas: Lindsay CC-30 22 element log-periodic ● 25' agl. Homebrew 6 element 6 meters (50 MHz) yagi (1.5 w.l.) ● 40' agl with Hy-Gain CD-II rotor. Belden 9913 co-ax on both. Dalco EID-35 TV preamplifier.

<u>July 1993</u>	24 Es	1120	1210	OO MUF	ch 3	11 ms	0951	CFRN	3 AB	544				
15 Es	1920	XHBC	3 BN	1197	(At work)					(30 seconds)				
1947	KRNV	4 NV	665	26 Es	1959	KAMR	4 TX	1442	1314	KIEM	3 CA	562		
2100	●KVBC	3 NV	986	2000	KACVt	2 TX			13 ms	0630	●BKMT	4 SK	792	
2127	KASA	2 NM	1245	2017	KENW	3 NM	1467					(12 seconds)		
16 Es	1932	KNBC	4 CA	1048	2058	●KTBY	4 AK	1334	16 au	1500-2220	cci	chs	3-5	
1938	●KEYT	3 CA	1006	2100	KTUU	2 AK	1334		17 Es	1825	KTYS	3 CO	1150	
18 Es	1057-1126	cci	chs	3,4	27 Es	1829	CKYB	4 MB	1056	1829	KOWC	4 WY	833	
	(See notes)				1830	CKX	5 MB	1056		1830	KGWL	5 WY	837	
1225	KSWK	3 KS	1350	2230	KOWC	4 WY	833		1900	KTVX	4 UT	795		
1459	XHBC	3 BN	1197	29 Es	1929	KENW	3 NM	1467	2027	●KREG	3 CO	1028		
1500	KVVt	5 MV		2100	KWGN	2 CO	1096		2030	KIDK	3 ID	637		
1528	KIDK	3 ID	637		●KGNC	4 CO	1097		2058	KCBS	2 CA	1048		
1600	KAID	4 ID	499	30 Es	0025	KTVQ	2 MT	735	2059	KNBC	4 CA	1048		
1633	KVBC	3 NV	986		(See notes)				2100	KEYT	3 CA	1006		
19 Es	0845-1015	SD, west KS,		<u>August 1993</u>	6 Es	0901	KEYT	3 CA	1006	2132	KCRA	3 CA	739	
	OO MUF	ch 4			0929	KTVU	2 CA	769						
	(At work)				0930	KRON	4 CA	769	<u>September 1993</u>	3 aE	2330	CBWFT	3 MB	1187
21 Es	1830	KSWK	3 KS	1350	0944	KCRA	3 CA	739	4 aE	0001	CKX	5 MB	1056	
1900	●KLBY	4 KS	1277	10 ms	0546	KBCI	2 ID	499	0026	CKYB	4 MB	1056		
ms	2131	KEYT	3 CA	1006										
	(23 seconds)													

'93 will go down locally as an above average E skip season with a high amount of long-haul and double hop. July 18 cci noted while working Pennsylvania and New York on 6 meters. KAID-4 is my shortest E skip distance. FM was open and I concentrated on that band. "At work" loggings by local VHFer Rudy Stam, VE7FEI.

July 30 had a rare early morning opening to Montana lasting for about 1-1/2 hours. No other stations were in.

One should, perhaps, not always assume loggings. After seeing Tom Bryant's explanation of the KOUS-4 status, I realized my error in reporting this reception May 31

Mike Cherry (continued) at 0946. The only other possibility would have to be KXLF-4 because I saw an ad referring to Montana Chevy dealers. I phoned KXLF and verified that ad on their log sheets.

I'm able to log stuff over semi-local KING-5 when pointed away from Seattle. There has been quite a bit of tropo here on FM, 2 meters and even lo-band TV and 6 meters. Regulars from Spokane, Washington (KREM-2 and KXLY-4), Lewiston ID (KLEW-3) and north central Oregon (KATU and KOAB) have been seen.

I hope everyone had a DX-ful summer! 73s, Mike, VE7SKA

Fernando Garcia, Apartado 30, Suc. B, Cd. Guadalupe, N.L., 67181, Mexico (8) 360-5874 HCM

Equipment:

Sony 27EXR15, 8 bow tie UHF array at 35', RG-6, UA-900 amp and rotor. Sony KV-13TR27, Archer V-185 at 30', RG-59, rotor. Archer V-110 vertical at 3'.

July 1993				14 tr 0040 K17BP 17 TX 502				24 tr 0145 KLSB 19 TX 516			
2 tr 0720	WGNO	26 LA	693	(Palestine	TBN)			0402	WDBD	40 MS	749
2012	LPB 18,24,25,27			0045	DFW TX UHFs	591		0412	KHSX	49 TX	519
2015	KADN 15 LA	586		0050	\$KETK 56 TX	534		0418	KLTV 7 TX	582	
2020	\$KVHP 29 LA	528		0100	\$KMSS 33 LA	615		0435	+WAPT 16 MS	749	
2025	\$WVLA 33 LA	634		0120	KHSX 49 TX	519		0445	\$WMAH 19 MS	771	
2105	WMAU 17 MS	696		0555	KLDT 55 TX	544		0500	\$WVLA 33 LA	634	
2130	WAFB 9 LA	837		0600	KLTV 7 TX	562		0501	WPML 15 AL	836	
2131	\$KPLC 7 LA	547		15 tr 0530	DFW TX UHFs	591		0505	\$WHLT 22 MS	771	
2135	KLAX 31 LA	618		18 tr 0600	KLTS 24 LA	615		0525	WGBC 30 MS	830	
2205	WLAE 32 LA	693		0605	\$KMSS 33 LA	615		0545	\$KPLC 7 LA	547	
3 tr 0110	DFW TX UHFs	591		0606	KLAX 31 LA	618		0555	KLTL 18 LA	547	
0550	WVLA 33 LA	634		0625	KFXK 51 TX	556		0620	KLDT 55 TX	544	
0615	WXVT 15 MS			0650	\$KLRT 16 AR	783		0630	WXVT 15 MS	796	
0618	KADN 15 LA	586		0830	KLTV 7 TX	562		0700	\$KARD 14 LA	653	
0625	LPB 18,24,25,27			19 tr 0555	\$KFWO 52 TX	522		0829	unid ch 15	NBC	
0630	MS Educ 17,19,23			0700	KLDT 55 TX	544		0835	\$WBNG 42 AL	963	
0635	KLAX 31 LA	618		20 tr 2155	\$KVHP 29 LA	528		0836	\$WTTT 21 AL	970	
0650	WDBD 40 MS	749		21 Es 2110	unid chs 2-4			0840	WMCN 45 AL	966	
0658	KFXK 51 TX	556		22 tr 0615	KFWO 52 TX	522		0900	KADN 15 LA	586	
0700	KMSS 33 LA	615		2150	\$KVHP 29 LA	528		0950	KUVN 23 TX	544	
0703	WAPT 16 MS	749		2200	KADN 15 LA	586		1100	KETK 56 TX	534	
0705	KARD 14 LA	653		2250	New Orleans	693		1200	\$KMSS 33 LA	615	
0708	WNTZ 48 MS	671		26,32,38				1201	KLTS 24 LA	615	
0830	K47DW 47 LA	615		2255	\$WVLA 33 LA	634		1300	WLMT 30 TN	901	
(Alexandria	WNTZ-48)			2305	KLAX 31 LA	618		Es 1850	unid channel 2		
Es 1345	KGAN 2 IA	1243		23 tr 0355	\$KPLC 7 LA	547		tr 2030	KADN 15 LA	586	
1740	WSAV 3 GA	1224		0358	WDBD 40 MS	749		2035	KLTL 18 LA	547	
1755	WBTB 3 NC	1311		0359	WAPT 16 MS	749		2100	WMAO 23 MS	788	
1800	\$WCIV 4 SC	1330		0415	\$WJTV 12 MS	746		2115	KARD 14 LA		
(New Es state)				0432	KMSS 33 LA	615		2140	\$WNOL 38 LA	693	
1950	KMTV 3 NE	1109		0600	KLPB 24 LA	566		2142	WLAE 32 LA	693	
2000	KCTV 5 MO			0601	KLPA 25 LA	615		2145	WGNO 26 LA	693	
2030	KSNL 2 KS	889		0603	WXVT 15 MS	796		2146	K56DR 56 LA	633	
2110	KLBY 4 KS	942		0610	KMCT 39 LA			(Baton Rouge	TBN)		
4 Es 0830	unid channel 2			0620	KLRT 16 AR	783		2147	K46CR 46 LA	640	
2100	KSNB 4 NE	1007		0710	KLTS 24 LA	615		(Baton Rouge	VJN)		
5 tr 0545	KPLC 7 LA	547		0730	KLTV 7 TX	562		2148	WVLA 33 LA	634	
0546	WJTV 12 MS	746		Es 2000	KQTV 2 MO	1025		2150	KLAX 31 LA	618	
0608	KARD 14 LA			tr 2055	KLAX 31 LA	618		2157	\$KVHP 29 LA	528	
0610	WVLA 33 LA	634		2100	K33DB 33 TX	395		2159	KLRT 16 AR	783	
0615	KADN 15 LA	586		(Houston	KTFH-49)			2200	WHLT 22 MS	771	
0632	WGBC 30 MS	830		2158	WMAU 17 MS	696		2220	WLMT 30 TN	901	
0633	WMAV 18 MS	867		2200	KADN 15 LA	586		2230	WPTY 24 TN	904	
Es 1845	WJXT 4 FL	1181		2205	\$KVHP 29 LA	528		2235	WGBC 30 MS	830	
1855	WUFT 5 FL	1125		2225	KLTL 18 LA	547		2250	WAPT 16 MS	749	
2033	WEAR 3 FL	839		2330	KLPA 25 LA	615		2259	KMSS 33 LA	615	
6 Es 1915	unids chs 2-4			24 tr 0030	=KFXK 51 TX	556		2305	WMTU 16 TN	960	
2000	WBTB 3 NC	1311		0035	\$WNOL 38 LA	693		(WLMT-30)			
8 Es 2000	unid channel 2			0040	WGNO 26 LA	693		2315	KETK 56 TX	534	
10 Es 1110	unids chs 2-4			0056	\$WXXV 25 MS	761		2316	KDXT 58 TX	519	
11 tr 0656	KMSS 33 LA	615		0105	DFW TX UHFs	591		25 tr 0200	\$KDEB 27 MO	904	
13 tr 0605	KFWO 52 TX	522		0120	\$KMSS 33 LA	615		0215	WVUE 8 LA	693	
				0130	=WAPT 16 MS	749		0225	WDBD 40 MS	749	

<u>Fernando Garcia (continued)</u>			25 tr 2050 K59DG 59 LA 688	3 tr 0700 KMSS 33 LA 615
			2100 WVUE 8 LA 693	Es 1855 unids chs 2-4
25 tr 0514 OKPOM 24 AR 783			2135 unid ch 43 TBN	tr 2130 OKVHP 29 LA 528
0520 WJTV 12 MS 746			2138 KLAX 31 LA 618	2140 KADN 15 LA 586
0535 WMAU 17 MS 696			2152 K62DW 62 LA 591	2215 WMAU 17 MS 696
0545 KMSS 33 LA 615			(Lafayette LPTV)	4 tr 0545 KFKX 51 TX 556
0550 WYES 12 LA 693			2204 KFKX 51 TX 556	0602 KDTX 58 TX 519
0553 KLPA 25 LA 615			2215 WAPT 16 MS 749	0630 KLTS 24 LA 615
0600 KPLC 7 LA 547			2330 W19AW 19 LA 640	2130 OKVHP 29 LA 528
0608 New Orleans 693			(Baton Rouge LPTV)	2135 KLPB 24 LA 566
26, #32, \$38			2332 \$KLSB 19 TX 516	5 tr 0550 OKMSS 33 LA 615
K59DG 59 LA 688			26 tr 0250 K39BJ 39 LA 622	0600 KDTX 58 TX 519
(New Orleans TBN)			(Morgan City LPTV)	0635 K32DA 32 TX 357
0615 WHLT 22 MS 771			0307 K28AK 28 TX 423	(La Grange KXAN-36)
0626 \$WVLA 33 LA 634			(College Stn KWKT-44)	6 tr 0600 OKETK 56 TX 534
0628 KADN 15 LA 586			(See Note # 5)	0601 KMSS 33 LA 615
0635 DFW TX UHF 591			0309 K21DM 21 LA 591	2025 OKVHP 29 LA 528
0650 \$KJTL 18 TX 597			0315 KADN 15 LA 586	2140 KADN 15 LA 586
(See Note # 1)			0335 OKHSX 49 TX 519	2250 WVLA 33 LA 634
0730 WXVT 15 MS 796			0337 K33CK 33 TX 296	7 tr 2220 KADN 15 LA 586
0756 KASN 38 AR 774			(San Antonio TBN)	2230 KVHP 29 LA 528
0830 KPOB 15 MO 960			unid ch 52 INSP	8 tr 0605 DFW TX UHF 591
0840 KTEJ 19 AR 901			0345 unid ch 27 TBN	10 tr 0550 DFW TX UHF 591
(See Note # 2)			0411 KMSS 33 LA 615	Es 0632 unids chs 2-4
0843 \$KLRT 16 AR 783			0532 DFW TX UHF 591	11 tr 0600 KMSS 33 LA 615
0915 WXMT 30 TN 1078			0610 \$WVLA 33 LA 634	0610 KDTX 58 TX 519
(See Note # 3)			0614 WMAU 17 MS 696	14 tr 0645 KFWB 52 TX 522
1000 \$KARD 14 LA 653			0650 KCTE 34 TX 445	15 tr 0705 KDTX 58 TX 519
1010 KBSI 23 MO 1025			(See Note # 6)	18 Es 2002 unid channel 2
1015 WLMT 30 TN 901			0655 K47FH 47 TX 423	tr 2050 KADN 15 LA 586
1020 \$KPOM 24 AR 783			(College Station TBN)	2125 WVLA 33 LA 615
1035 WKMT 21 KY			27 tr 0540 OKFWD 52 TX 522	2210 KVHP 29 LA 528
1100 KHOG 29 AR 802			31 tr 2220 KADN 15 LA 586	2225 KLAX 31 LA 618
1101 WTCT 27 IL 1050				19 tr 0605 KDTX 58 TX 519
(See Note # 4)				0650 KLPB 24 LA 566
1120 KATV 7 AR 774			<u>August 1993</u>	0652 KLAX 31 LA 618
Es 1150 unid ch 2 NBC			1 tr 0550 \$KDTX 58 TX 519	0705 KVHP 29 LA 528
tr 1830 KADN 15 LA 586			Es 2015 unid channel 2	2200 KVHP 29 LA 528
1855 \$WVLA 33 LA 634			2 tr 0545 KMSS 33 LA 615	20 tr 0600 DFW TX UHF 591
1856 \$KVHP 29 LA 528			0550 KDTX 58 TX 519	26 tr 0610 KFWB 52 TX 522
1910 WQMB 44 LA 631			0710 K63DR 63 TX 354	0657 K20BW 20 TX 286
1945 K21DM 21 LA 591			(Austin TBN)	(San Antonio LPTV)
2020 WDBD 40 MS 749			0720 K30DG 30 TX 497	27 Es 1925 unids chs 2-4 SS
2030 WMAU 17 MS 696			(Corsicana LPTV)	(Centrl America)
			3 tr 0545 DFW TX UHF 591	

Note # 1 - Full ID, translators on chs 28, 53, 54, 60, 61.

Note # 2 - AETN, SAP with information on events in Arkansas, stayed solid 0840-1130.

Note # 3 - Weak, full ID (Nashville, Convention city on Convention date), stayed only 3 minutes.

Note # 4 - New tropo state, TBN, (618) 997-1851, solid until 1145 when tropo died out, over semilocal KLDO. I saw the weather maps, there was a high pressure area in the Gulf, cold front in Arkansas and maybe the Flood of 93 also helped out.

Note # 5 - College Station KWKT-44, seen with KXLN-45 ID-Bars GRM, sure they were picking up it's signal over the air.

Note # 6 - Monday morning, no time to DX, but I counted up to 50 different UHF stations 0615-0645. My wife told me that tropo stayed strong until 1100.

I won't report any tropo DX under 500 miles except for first time stations. This time, I'm including my phone number. Feel free to call or write for help on Mexican or south Texas unids. I'm away for work Monday thru Friday 0720-1845 approximately.

I installed the UA-900 UHF amplifier on July 10. At the same time, I had to lower the UHF antenna by 10 feet. I had to move the antenna mast because I'm building up a special room on third floor as DX shack. The UA-900 is working find - lots of LPTVs.

Thanks a lot to Jeff Kruszka and John F. Combs for great help with my unids.

REPORTING TIP - When reporting LPTV/translators, ALWAYS list their location and their programming. Call letters alone can be confusing and the programming does change.

William Draeb, 1304 Ellis St., Kewaunee WI 54216 (414-388-2350)

CDT

Equipment:

7' Finco dish, B-T CMA-Ub preamp @ 93', .750 cable. Stacked Finco high band yagis @ 100' with RG/11 cable. Second tower, 40', with Winegard CH-2026 (lo-band) yagi. Zenith 14N22 table model 23" b&w (1971) with B-T BTU-2s UHF converter (used for UHF and also the stacked hi-band yagis) and Zenith 16J20 19" b&w (early 60's) (used with antennas on 40' tower). Panasonic 9" b&w portable.

August 1993

31 tr 2112 WLKY 32(IN) 430
WDRB 41(IN) 430

September 1993

1 tr 0547 WKBN 27 OH 420
WYTV 33 OH 420
WFMJt 21 OH
1957 WFMJ 21 OH 420
WYTV 33 OH 420
WKBN 27 OH 420
W58AM 58 OH 420
(Youngstown WNEO-45)
(WNEO/WEOA ID)
WPGHt 53 PA
WNEO 45 OH 415
WEOA 49 OH 375
2005 WDLI 17 OH 400
(Snow Free)
2006 CHWI 16 ON 265
(See Note # 1)
2013 W29AI 29 OH 385
(Akron LPTV)
(See Note # 2)
WBHX 55 OH 370
WOAC 67 OH 395
W67AL 67 OH 375
(Eastlake WVI2-25)
2035 WOUC 44 OH 435
WOSU 34 OH 375
WAKC 23 OH 380
2038 WQEXt 16 PA
2058 WMFDT 68 OH
W50BE 50 OH 355
(Mansfield WMFD-68)
2117 CBLN1 56 ON 360
CITY2 31 ON 350
WCET 48 OH 400
WSTR 64 OH 400
2144 WNPBt 24 WV
3 tr 2056 CITY2 31 ON 350
4 tr 0615 KYOU 15 IA 345
0629 WCCU 27 IL 285
(WRSP/WCCU ID)
0634 KDNL 30 MO 430
0643 WUSI 16 IL 390
7 tr 0730 W54AP 54 IL 200
(Blue Island religion)
12 tr 1330 KSNQ 15 MN 280
KAWB 22 MN 365
(9-22" ID)
1400 KTN 21 IA 365
K35CY 35 MN 285
(Minneapolis HSS)
(See Note # 3)

12 tr 1919 W31BA 31 WI

(Minocqua TBN/TAB)

W57AR 57 WI 145

(Sayner WSAW- 7)

16 tr 1909 WUSI 16 IL 390

WFIE 14(KY) 455

WSEC 14 IL 355

1925 KARD 14 LA 890

1932 WXVT 15 MS 765

1937 WMPN 29 MS 860

WAPTt 16 MS

WDBD 40 MS 855

1949 KMCTt 39 LA

KMSS 33 LA 885

2000 KSPR 33 MO 575

KOZKt 21 MO

KLTSt 24 LA

2004 KHOGt 29 AR

2014 KNLCT 24 MO

KDNLt 30 MO

WHSI 46(MO) 445

2023 KFXK 51 TX 930

(See Note # 4)

KFAAt 51 AR

2027 KITUt 34 TX

2057 KHBS 40(OK) 750

("40/29" ID)

(Last seen 1989)

2104 KOCBt 34 OK

2107 KSMOt 62 MO

2128 KXLNt 45 TX

17 tr 0230 KARD 14 LA 890

unid channel 14

(See Note # 5)

KHBS 40(OK) 750

WAPT 16 MS 855

0511 KSHB 41 MO 520

(HSC or HSS)

KTFot 41 OK

0524 K58BX 58 IA 250

(Davenport TBN)

KRIVt 26 TX

KOZJt 26 MO

(See Note # 6)

0537 WDBD 40 MS 855

(HSS)

0542 WMPN 29 MS 860

(See Note # 7)

WMAW 14 MS 855

(WMPN-29)

0558 KYFC 50 MO 520

0559 KFXK 51 TX 930

(See Note # 8)

0606 KETH 14 TX 1115

(See Note # 9)

17 tr 0619 KETK 56 TX 955

(See Note #10)

0624 WNTZ 48 MS 920

KMCTt 39 LA

0631 KHSH 67 TX 1115

(HSC)

0643 KWLbt 45 LA

KLAX 31 LA 930

(See Note #11)

0700 KSPR 33 MO 575

0705 WXVT 15 MS 765

23 tr 1819 Cincy 19,48,64

WKON 52 KY 430

Dayton 16,22,45

(Snow free)

1832 Louisville 32,41

24 tr 0620 WUSI 16 IL 390

WFIE 14(KY) 455

0702 W54AP 54 IL 200

1727 WPBO 42 OH 455

(Snow free)

WDRB 41(IN) 430

WCET 48 OH 400

1730 WRIX 19(OH) 400

1743 WWAT 53 OH 405

1809 WSTR 64 OH 400

WKON 52 KY 430

WOSU 34 OH 375

1812 W32Act 32 IN

(Muncie TBN)

2221 WLKY 32(IN) 430

2225 WNEO 45 OH 415

2225 WSFJ 51 OH 405

2231 WCVN 54 KY 405

2231 WEIU 51 IL 345

W54BK 54 IN 205

(Chesterton ANC)

(w/WSBT-22 News)

2253 WHIZ 18 OH 420

25 tr 0725 WMOU 44 OH 435

0736 WTSF 61(WV) 490

1738 WEUX 48 WI 190

1903 CFMT 47 ON 405

(See Note #11)

CIII41 41 ON 405

CITY 57 ON 405

CICat 19 ON

1916 CBLN 40 ON 325

CBLN4 45 ON 315

CBLN1 56 ON 360

2030 W31BA 31 WI 150

(TAB program)

W57AR 57 WI 145

Note # 1 - "CHWI-TV CH. 16 WHEATLEY ONTARIO" and "SOUTHWESTERN ONTARIO BROADCAST" alternately supered over color bars. (Snow free for awhile).

Note # 2 - 29 Akron logo in lower right corner of screen during call in show about high school football. Later, phony call letters "WAI-TV" used.

William Draeb (continued)

- Note # 3 - Weak. No sign of 58 or other LPTVs in area. (Here on the southwest edge of St. Paul, K35CY is clearly the strongest of the metro LPTVs. The next strongest is W62BD, then much weaker is K58BS, and almost unseen is, the closest, W53CH. fm)
- Note # 4 - Local McDonalds' ad with outline of state of Texas shown.
- Note # 5 - About same line as KARD. TBN. Not Oklahoma City, probably Texas.
- Note # 6 - Religious program - same offset as WCIU-26.
- Note # 7 - At 0545, Mississippi Educational TV slide on for about a minute, then back to color bars.
- Note # 8 - ID slide with "TYLER-LONGVIEW". "FOX 51" logo in lower left of screen during cartoons.
- Note # 9 - Upper level math program. (So they actually have educational programs. I always thought these educational stations were just used by TBN to get more than the legal limit of full service stations on the dial. fm)
- Note #10 - Ads for Tyler, Palestine area during Rush Limbaugh Show.
- Note #11 - "The Spirit of Louisiana" mentioned with ID. Also, ad for "NFL Magazine" and additional comments about New Orleans Saints.
- Note #12 - "Japanese Journal", news of Japan in Japanese. "CFMT" on wall of set.

W31BA still appears to be share time between TBN and Three Angels. It appears that they carry Three Angels from noon until midnight and TBN from midnight until noon. There could be exceptions. I wrote a letter to the owner who lives in Minocqua, but no response.

Jeff Kadet, Box 20, Macomb IL 61455 (W3CRH) (309-833-1809)

CDT

Equipment: See September 1993 Western TV-DX.

Correction from last report (09/93): W48BD Corbin, Kentucky was carrying the LeSea satellite feed, not TBN.

August 1993					
2 tr	0244 K57CN 57 MN 280	17 tr	2219 K52DZ 52+MN 445	26 tr	0612 K53EG 53-SD 375
	(Wabasha KSTP- 5)		(Alexandria TNN)		(Sioux Falls CTN)
Es	1030 unid ch 2 Mexico		2220 K50DB 50+MN 445	27 tr	0230 unid 50 CTN MI?
	1130 KACV 2 TX 700		(Alexandria bulletins)		(Hdg-Traverse C)
	1155 KIII 3 TX 970		K48DV 48+MN 445		W40AK 40 MI 295
	1230 WSAV 3 GA 780		(Alexandria CSP)		(CHA & loc news)
	XEFE 2 TA 1025		Other common MN		W57BJ 57 WI 300
	unid channel 3	18 tr	0003 K54AT 54ZMN 455		(Green Bay TAB)
	1256 WPBT 2 FL 1165		(Brainard w/KSMQ-15)		(CW ID w/tones)
	XHIT 4 CH 1195		(Normal KVR-15)		2145 K57CN 57 MN 280
	1600 KMID 2 TX 865		0032 KAWB 22 MN 455		(Wabasha KSTP- 5)
	1630 KDRC 4 TX 1085	20 tr	0425 W40AK 40ZMI 295		K74CZ 74 MN 250
	1700 KENW 3 NM 860		(Muskegon CHA)		(Winona KTTC-10)
	1745 XEFB 2 NL 1160		W29BE 29 MI 300	29 tr	0850 W43AG 43 MN 300
8 Es	0815 XEFB 2 NL 1160		(Muskegon TBN)		(Hopkinsville LPTV)
11 Es	0845 XEFB 2 NL 1160	23 tr	0310 WNAL 44 AL 510		W62BH 62 KY 300
	1000 WEDU 3 FL 995		Huntsville Us		(Hopkinsville TBN)
	WPBT 2 FL 1165	25 tr	0205 K31CH 31-MN 490		(See Note # 2)
	1105 WJXT 4 FL 870		(Erhard CNN)		W68OG 68 TN 360
	WESH 2 FL 955		0300 K45AR 45 MN 450		(Nashville VJN)
	(See Note # 1)		K68BJ 68 MN 355		W67CO 67 AL 460
	2135 WPBT 2 FL 1165		(Redwood Falls KARE-11)		(Huntsville TBN)
15 tr	0130 KASN 38 AR 425		0345 K19CV 19+MN 355		0905 W64AV 64 KY 300
	WDBD 40 MS 565		(Redwood Falls CBN)		(Hopkinsville WKMA-35)
	0210 K43CJ 43 AR 300		K21DJ 21+MN 355		
	(Mountain Home TBN)		(Redwood Falls TBS)		
	KARD 14 LA 585		(CW ID)		
	KLAX 31 LA 625	26 tr	0543 K24AC 24 NE 265		
17 tr	2115 K39CJ 39 MN 490		(Falls City KUON-12)		
	(Erhard WGN- 9)		K31BW 31 KS 325		
	2200 K51DC 51-MN 490		(Manhattan TBN)		
	(Erhard ESP)		K21AP 21 KS 290		
	K45AR 45 MN 450		(Topeka TBN)		
	(Eagle Bend CSP)		K58CX 58 KS 270		
			(Lawrence KTKA-49)		

September 1993

12 tr	0123 KFXK 51 TX 615
	KXLN 45 TX 800
	KITU 34 TX 735
	KTXH 20 TX 800
0130	WNTZ 48 MS 620
	(CHA)
	WMAW 14 MS 580
	WMAO 23 MS 490
	WMPN 29 MS 570

Jeff Kadet (continued)

12 tr 0130	KHSH 67 TX 800	12 tr 2200	WMCF 45 AL 610	18 tr 0551	W49AY 49 AL 525
	KTMD 48 TX 800		WFOA 32 AL 615		(Birmingham LPTV)
	KLAX 31 LA 625	2224	WXIA 11 GA 580		W53AF 53 MS 415
	KETK 56 TX 635		unid channel 34+		(Booneville WBUY-40)
	KHTV 39 TX 800		(See Note # 3)		0616 W59CF 59 AL 440
	KRIV 26 TX 800	18 tr 0029	WNGM 34 GA 580		(Russellville TBN)
	KASN 38 AR 425		WHLT 22 MS 630		unid ch 64- TBN
	K66CN 66 AR 320	0032	WDBD 40 MS 565		(Hdg - Atlanta)
(Harrison TBN)		0033	WMAW 14 MS 580		WDAUT 34 AL
0201	KETH 14 TX 800		W67CO 67 AL 460		W51AB 51 GA 475
	WMAE 12 MS 415		(Huntsville TBN)		(Flinstone WCLP-18)
	unid channel 23z	0057	WCTE 22 TN 410		2300 WIIQ 41 AL 580
	(Hdg - Houston)		(See Note # 4)	19 tr 0000	(See Note # 6)
	KLSS 19 TX 665	0110	WLTZ 38 GA 640		0143 W23AK 23 AL 500
	unid channel 55z	0117	W22BF 22+AL 450		(Jasper TBN)
	(HSC to ssw)		(Decatur TBN)		0154 W31AG 31zMS 435
0310	WGMB 44 LA 700	0144	W20AU 20+GA 555		(Clarksdale TBN)
0324	KWKT 44 TX 735		(Atlanta VVN)		0204 WMGJ 41 GA 660
	KTBS 3 LA 565	0157	W57BV 57zAL 430		0230 W55BJ 55 AL 490
0337	KADN 15 LA 700		(Florence TBN)		(Jasper ANC)
0344	KDXT 58 TX 645		WSFA 12 AL 635	22 tr 0146	WMAW 14 MS 580
	WMAE 33 LA 570		W52BC 52zAL 595	0200	WATL 36 GA 575
0350	KMCT 39 LA 555		(Selma TBN)		WVEU 69 GA 575
0507	KLTJ 22 TX 815	0236	WAKA 8 AL 615		WGNX 46 GA 575
0515	WJTV 12 MS 565	0240	WRCB 3 TN 465		WTLK 14 GA 535
0544	WETA 13 OK 505	0306	unid ch 34z AL		WHSB 63 GA 590
	("OETA")		(See Note # 5)	25 tr 0030	CFMT# 69 ON 510
0551	WFAA 51 AR 350	0324	W51AU 51zTN 530		CBLN4 45 ON 540
	(Just "FOX 51")		(Kingsport WKPT-19)	0135	WBLFT17 68 ON460
1943	WCIQ 7 AL 550	0406	W67CIT 67-GA		WCKO3 42 ON 465
	WJSU 40 AL 540		("Telemundo" CB)		WCIIT29 29 ON 465
	WABM 68 AL 525		W15AP 15 AL 510	0138	W5YT 68 NY 785
	WJSP 28 GA 620		(Gadsden WBRC- 6)	0200	W57BJ 57 WI 300
	WVEU 69 GA 575		W30AP 30 TN 535		(Green Bay TAB)
	WHSB 63 GA 590		(Kingsport WKPT-19)	0210	W44BF 44 WI 235
	WGNX 46 GA 575	0443	WKKCH 43 TN 475		(La Crosse TBN)
	WATL 36 GA 575		W29AO 29 AL 550	0256	W6KJ 45 MI 440
2035	WAIQ 26 AL 610		(Anniston WBRC- 6)		W40AY 40zMI 390
			WBRC 6 AL 525		(Traverse City WGKI-33)

Note # 1 - WESH with a black "2", so scrap the theory in my September report.

Note # 2 - Finally got W40AK and especially W62BH. In the case of W62BH, I really doubt if its listed 26.1 KW is correct (unless they're transmitting from a coal shaft). W64AV, same city, is listed as 744 Watts and they were identical in signal strength.

Note # 3 - Classic Video Theatre "TV 34".

Note # 4 - Way off frequency on audio. Listed as minus offset, they were at 523.770 MHz which is way above plus offset.

Note # 5 - Home Shopping Spree to Huntsville. Parallel to WBRC.

Note # 6 - Opening still stationary. Most stations logged on 09/18 still in.

Logged two new countries, Dominican Republic (#9) and Puerto Rico (#10) on July 6 thanks to Ceasar Obijo in the D.R. who listened to my tapes. With HISD-4, I had them announcing their program schedule for Sunday night, an interview with Napoleon Munoz, ex D.R. president, plus other details. With WAPA-4, I had an ad for "Plaza de las Americas", San Juan's main shopping center, an ad for Radio Voz on 870 KHz, P.R. horse racing, and other program details. 73.

Fred McCormack, 2384 Teakwood Dr, Maplewood MN 55119-5520

CDT

Equipment:

General Electric 9" color (Model 09GP103). VHF: Rabbit ears. UHF: Archer Golden-U UHF Indoor Antenna (2 bow-ties).

September 1993

12 tr 1240 KPTM 42 NE 310

12 tr 1258 KTIN 21 IA 160

KYIN 24 IA 105

12 tr 1258 KRIN 32 IA 190

KHIN 36 IA 270

Thanks to John Ebeling for tipping me on this little enhancement.

Dave Pomeroy, 2321 SE Libra Court, Topeka KS 66605-1827 (913-266-5477)

CDT

Equipment:

VHF: Radio Shack VHF/UHF (model unknown). Channel Master 6' UHF parabolic with Radio Shack preamplifier.

July 1993			28 tr 0600	K64BS 64 KS 110	31 tr ????	K33AA 33 IA 220
6 tr 0730	WSJV 28 IN 530			(Concordia w/KMBC- 9)		(Ottumwa KIIN-12)
	Chicago 20,32,			(Normal KOOD- 9)		
	38,44,60,66			K44AB 44 IA 245		
	WWT0 35 IL 385			(Keokuk KIIN-12)	August 1993	
	KDUB 40(WI) 355			KDUB 40(WI) 355	17 tr 0630	WEVV 44(KY) 445
	KYOU 15 IA 220			WMSN 47 WI 420		WFIE 14(KY) 450
	WICS 20 IL 335			WMEC 22 IL 280	September 1993	
	W65BV 65 IL 325		0745	WQPT 24 IL 320	28 tr 0630	KFWD 52 TX 445
(Springfield WSEC-14)				WEEK 25 IL 340		K46AH 46 OK 205
	WRSP 55 IL 335			KOCV 36 TX 620		(Medford KETA-13)
1000	WTLJ 54 MI 575		31 tr ????	K25AA 25 IA 300		KXTX 39 TX 450
	KLJB 18(IL) 320			(Rock Rapids KSIN-27)		unid ch 58 TBN
	KJMH 26 IA 270			KMEG 14 IA 240		KLDI 55 TX 425
	WGVU 35 MI 575			KSIN 27 IA 240		KWKT 44 TX 540
	WYZZ 43 IL 360			(KSNT-27 off)		KDTX 58 TX 450

Robert Delaney, RR#4 Box 385, Mt. Vernon IL 62864 (KA9UVY) (618-242-7256)

CDT

Equipment: See September 1993 Western TV-DX.

September 1993			18 tr 0003	WATL 36 GA 400	24 tr 0423	WOLC 44 OH 425
16 tr 0647	KOCB 34 OK 510		0018	WFLI 53 TN 320	0430	+WBNX 55 OH 435
	1822 KETK 56 TX 560		0206	WJSU 40 AL 365	0447	WETG 66 PA 530
	2102 KHTV 39 TX 710		0303	WCOV 20 AL 440	0450	WSEE 35 PA 530
17 tr 0448	WKMSS 33 LA 480		1802	WCLP 18 GA 340	0500	WJAL 68 MD 595
	0501 WNTZ 48 MS 490		2200	WEMT 39 TN 375	0530	WSFJ 51 OH 365
	0503 KLTJ 22 TX 720		2208	KHOG 29 AR 325	0531	WEAO 49 OH 430
	0529 KRIV 26 TX 710		19 tr 0900	WTJP 60 AL 340	0541	WOSU 34 OH 345
	0532 WKASN 38 AR 325		23 tr 2024	WQHS 61 OH 435	0555	WOAC 67 OH 435
	2105 WTT0 21 AL 355		24 tr 0355	WBSX 31 MI 380	0601	W69BT 69 IN 270
	2134 WABM 68 AL 355			0400 W59CA 59 MI 360		(South Bend WCIU-26)
	2202 WMCF 45 AL 435			(Jackson WAQP-49)	0632	WTVS 56 MI 410
	2204 WCFT 33 AL 365		0404	WSYT 68 NY 735		
18 tr 0001	WVEU 69 GA 405		0418	WMFD 68 OH 375		

September was a bit of a let down for me here, but did have it's moments like on the 24th when I got to see New York for the second time ever, but still unable to get a photo. Also managed a new TV state with WJAL-68 in Maryland.

ROTEL RHT-10: FM SUPER-TUNER OF THE 90'S?

Are club members aware of the newest contender in the FM "super-tuner" race? The high-end audio press is buzzing, and some enthusiasts are drooling. It's the ROTEL RHT-10, a no-compromise FM tuner from Great Britain that's priced in the \$1,500 range, about twice the price that many good FMDX-capable tuners go for. Is it worth it? Well, it is being compared to the legendary McIntosh MR 78, another no-holds-barred piece of laboratory grade equipment that was about 15 years ahead of its time in terms of specs. Almost none of today's tuners, not even the ones in the "stratosphere" of the high-end, can come close to the McIntosh in terms of razor sharp selectivity performance, as well as strong signal crossmod rejection and overload resistance. What remains to be seen by enthusiasts is how close it really comes to the McIntosh. So far, no tuner has been able to touch the MR 78 "super narrow" selectivity mode when it comes to the adjacent channels (+/- 200 kHz). The FM enthusiasts "dream machine" would need to have adjacent channel rejects of anywhere from 45 to 50 dB down to beat the McIntosh, and over 100 dB at the alternate channels (+/- 400 kHz). That's not all, though. Such a tuner would have to have good sensitivity (usually not a problem anymore) and overload rejection to make the high selectivity really useful (BIG problem). I'd like to see a WTFDA member rundown of this dream machine. If anyone has the good fortune of living near one of the small number of high-end audio shops (mostly East Coast area) which are likely to have one on display, I invite you to visit the dealer and ask him for a demo of this tuner on weak signals. I, for one, am one of the ones who just can't wait to see how well the ROTEL lives up to the "hype."

- Dennis Kwiatkowski

SOUTHERN · FM DX

NOVEMBER 1993

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075

DEADLINE: 14th

Douglas E. Smith W9WI/4, 14 Brookside Court, Nashville, TN 37209-4503

All vacation DX this time. Also tried to DX from the "World's Highest Hill" (Cavalan Mtn., Poteau), but the presence of three 100kw FMs and a 3000kw UHF TV (KHBS 40)--all on towers less than 300' tall--made it a lost cause. (I've tried DXing from that location before, also to little or no avail. DB) Anyway, here goes:

9/14 tr from home:

1138 106.5 KMIS MD Portageville, sat. k, "AM 1050 & FM 106", advertising for sales reps. Ex 106.3, this is regular scatter now so must have increased power with frequency change.

161 mi.

9/21 tr from Grand Isle, LA:

1200 94.7 WTYX MS Jackson, loc.ads 194
96.3 WJDX MS Jackson, loc.ads
102.3 WGOO MS Gulfport, calls 90
103.1 WOSM MS Ocean Springs, g 103
105.7 KHCB TX Houston, g 321

9/22 tr from Galveston Beach, TX.:

1430 97.3 KAJA TX San Antonio, k 196
100.7 WTGE LA Baton Rouge, calls, rp229
100.7 KASE TX Austin, k & loc.ad 184
105.3 KSMG TX Sequin, mr 196

Equipment for all this DX is the car radio in a 1990 Ford Escort.

9/22 tr from Jacksonville, TX:

1800 99.1 K256?? TX Tyler, translator of KERA
90.1 Dallas. Loud over 20 miles away!

9/23 tr from Paris, TX/Hugo, OK:

1030 102.7 KJYO OK Oklahoma City, local ad 212
100.5 KAT OK Oklahoma City 212
98.9 KYIT OK Oklahoma City 212
94.9 KOLL AR Maumelle 197
92.9 KNIN TX Wichita Falls, loc.ad 184

from McAlester, OK:

1130 98.3 KYYK TX Palestine, "Kicks 98" 206

Bill Townshend, 4500 Conn. Ave. NW #901, Washington, DC 20008-4326

8/30 tr (Equip.: Realistic Portavision-40)

0844 WPST 97.5 NJ Trenton, nx, k

local like

0856 WDBB 96.5 PA Philadelphia
0858 WYDB 97.3 PA Harrisburg, nx, ex-WHP

8/31 tr

0842 WAFB 97.7 DE Milford

0852 WALK 97.5 NY Patchogue, new

several local DXers heard stations in DE, MD, VA, NC area from MA, CT, RI area on 8/31 a.m.

8/31 tr

0955 WKIU 98.3 NJ Ocean City, gospel, new

1014 WCHR 94.5 NJ Trenton, gospel, new

WYSP 94.1 Philadelphia heard with strong

signal at high noon. Cx unusually good,

probably due to wx cs in from of Hurricane

Emily. At NRC convention in Enfield, CT

several local DXers heard stations in DE, MD, VA, NC area from MA, CT, RI area on 8/31 a.m.

Matt Sittel, 603 Fulton Rd., Apt. B-24, Tallahassee FL 32312-2214 (904) 386-2212

Equipment: Yamaha TX-900U tuner with modified filters, Archer rabbit ears.

2nd story apartment, facing east. Elevation 185'.

7/10 Es

1006 KRKZ 93.5 OK Altus, local ad 921

1011 KECO 96.5 OK Elk City, local ad 940

1020 KGNC 97.9 TX Amarillo, calls 1068

1013 KZCD 94.3 OK Lawton, CD Country 870

1102 KQIZ 93.1 TX Amarillo, 93.1 Z93 1068

7/17 Es

1212 ??? 105.1 JAMAICA

1217 KLAS 89.3 JAMAICA, calls

1218 JBC 91.1 JAMAICA

1218 JBC 92.1 JAMAICA // 92.1

1221 FameFM 92.7 JAMAICA

1222 ??? 107.7 JAMAICA, Ocho Rios mention

1228 ??? 105.5 JAMAICA // 105.1, rap music

1230 Radio One 103.9 JAMAICA

1235 KLAS 89.9 JAMAICA // 89.3

1235 Power 106 106.5 JAMAICA

7/30 Es

1900 WKVT 92.7 VT Brattleboro, ID 1074

1913 WFLY 92.3 NY Troy, Fly 92 1031

9/6 Es

1123 XHAAA 93.1 TA Reynosa, SS 904

9/11 tr

0931 WEDG 93.1 FL Edgewater, Gold 93.1 228

0933 WZZK 104.7 AL Birmingham, calls 256

9/23 tr

0733 WLOW 106.9 SC Bluffton, area ment. 236

0734 WLTS 105.3 LA Slidell, Lite 105 327

0741 WLHV 101.1 SC Hardeeville, Love1011 227

0750 WEZB 97.1 LA New Orleans, B97FM 349

9/23 tr

0754 WCEH 103.9 GA Hawkinsville, calls134

0757 WEAS 93.1 GA Savannah, E93 219

0800 WMBW 91.9 AL Dixons Mills, ID 233

0906 WSCI 89.3 SC Charleston, ID 302

0936 WOZY 95.9 GA Dublin, Y96 164

0952 WYKZ 98.7 SC Beaufort, H.H. ad 253

0958 WRHQ 105.3 GA Richmond Hill 204

9/24 tr

0659 WXJC 91.9 FL Crystal River, ID 150

9/25 tr

0534 W 96.9 GA Fitzgerald, Class 107

0559 WMAH 90.3 MS Biloxi, ID 273

0559 WSCI 89.3 SC Charleston, -+ 302

0808 WALB 100.9 AL Selma, Laser101 209

0904 WDBN 107.5 CA Wrightsville, Mix' 181

0909 WZBX 106.5 GA Sylvania, calls, k 225

0913 KCTI 107.5 LA Houma, C107 389

0926 WTGA 95.3 GA Thomaston, calls 165

10/3 tr

1020 WZAT 102.1 GA Savannah, calls 219

1024 WMCD 100.1 GA Statesboro, calls 201

1035 WRHQ 105.3 GA Richmond Hill 204

10/6 tr

0703 WBBQ 104.3 GA Augusta, calls 249

0704 WKRS 100.5 GA Swainsboro, ad 187

0706 WJAT 98.1 GA Swainsboro, ID 187

0710 WYSC 95.3 GA McRae, local ad 138

0721 WZAT 102.1 GA Savannah 219

0729 WNOK 104.7 SC Columbia 308

0752 WEAS 93.1 GA Savannah, E93 219

0759 WRJA 88.1 SC Sumter, ID 337

Gus Mancuso, 5615 Inwood St., Hyatts, MD 20785 301 773-3072

9/13 tr
0820 100.7 WFMZ PA Allentown
0830 92.3 WKRR NC Ashboro

Unexpected catches today as cold front only in the Dakotas today, was anticipating something next day when it reached midwest, but didn't pan out. No significant cold fr trs last 1/2 Sept. or 1st week of October. STATION NEWS: 99.9 Ocean City, MD now WWFK Diding as "Froy 99.9" and "KHI". 95.9 in Bethany, DE, using "KHI" handle, too, not sure if still WWTR or WKHI (WWFK now k). RE: To J. Combs Murphy's laws of DX ad this: Best morning tropo will happen on Sunday when everyone doing rel or Top 40 countdown, thus Diding only hourly.

John Tudenham, 2824 Missouri, Joplin, MO 68404-2755

Some good September tropo to the east on Sept. 16,17,18th but spent most of my time on the two meter band where I worked as far as Ont. Canada, PA, WV & GA. Met club member Gil Morgan who moved to SW Missouri from CA.

8/20 (all tr)
2300 KMKF 101.5 KS Manhattan, Rock 101.5
8/21
2310 KZSN 102.1 KS Hutchinson, k
8/23
2358 KKEG 92.1 AR Fayetteville, r live pro.
9/16
1011 KEYI 103.5 TX San Marcus, San Ant. ads
9/29
1052 KLWV 98.7 TX Dallas, ID 98.7 KLUV
9/30
1201 KTOZ 104.7 MO Marshfield, ID 2105

9/13 tr
0837 93.1 WMOX NC Winston-Salem
first ever null on WPOC

9/30 baseball
2240 KRLK 100.1 MO Cassville, KC Royals
10/3
0052 KLLS 104.5 KS Augusta
2130 KUSN 98.9 KS Coffeyville, k
10/5
1220 KCLQ 107.9 MO Lebanon, k
1005 KXOJ 101.1 OK Sapulpa
1015 KRZZ 96.3 KS Derby
1055 KGLS 93.1 KS Pratt
1117 KVLB 104.3 KS Great Bend

Doug Allen, w2crs, P. O. Bfox 5646, Woodland Park, CO 80866

Equipt.: Onkyo T-4087 (IF modified) FM-13 at 50 feet, 9000' ASL

8/1 ms
0816 WKDD 96.5 OH Akron, 10 sec. burst
8/4 Es, trs, ms
0932 WRJH 97.7 MS Brandon, nx
0937 WRBH 88.3 LA New Orleans, Reading for the blind
0940 WBSN 89.1 LA New Orleans
0944 WQCK 92.7 LA Clinton, g, singing ID
0949 WCKW 92.3 LA LaPlace, ID
1000 KILS 92.7 KS Minneapolis, ID, KS #62
1128 WJST 94.5 FL Port St. Joe, 14 sec. burst
8/6 tr
0750 KTPK 106.9 KS Topeka, k
8/13 ms
1246 WSWT 106.9 IL Peoria, ID 15 sec. burst
8/16 tr
1345 KQME trans. 88.1 CO? call to station: "We have no translators"
8/17 tr
0430 KVSF 97.9 Rapid City, "Your good neighbor Christian radio"
0440 KESD 88.3 SD Brookings, ID
0450 KWYR 93.7 SD Winner, "Magic 93"
0445 KQRN 107.3 SD Mitchell, wx
0515 KPLO 94.5 SD Reliance, local nx
0530 KNSR 88.9 MN Collegeville, ID 1st MNN in tr 680 miles
0542 KVCC 101.5 SD Gregory, g
HAD TO LEAVE FOR WORK
1105 KNSR 88.9 MN Collegeville, still in
1115 KJAM 103.1 SD Madison, ID
1121 KBRX 102.9 NE O'Neill, local news
1125 KGRD 105.3 NE Orchard, g, o/u KZMC
1129 KESD 88.3 SD Brookings, still in
1133 KBRB 92.7 NE Ainsworth, ID, NE #42
1140 KKOT 93.5 NE Columbus, ID
1150 KME 90.3 NE Bassett, NE Public Radio
//89.1 & 91.7

8/17 tr
1200 KHCT 90.9 KS Great Bend, ID KS #63
1230 KWBI trans. 95.3 WY?? WY #25
2215 KWYR 93.7 SD Winner, "Magic 93" weak
2315 KEZO 92.3 NE Omaha weak
8/20 tr
2001 KJTV 88.1 KS Topeka, g
2002 KTPK 106.9 KS Topeka
8/21 tr
0635 KXKL 105.3 KS Haysville
0640 Wichita stations strong
0700 KILC 93.5 KS Parsons, local news K
0705 KGYE 99.3 OK Grove, ID
0711 KQDF 96.7 KS Larned, "96.7 the super Q"
0714 KINNE 93.5 KS Wellington, ID
0800 KVCY 101.7 KS Fort Scott, muffled ID, g
0800 KIBN 90.7 KS Wichita, g, "the new inspirational Black Network" KS #67
8/23 tr
0800 KWFX 93.5 OK Woodward
8/25 tr
0435 KWBI trans. 88.1 CO/NE?, peaks n.e.
0440 K205BR 88.9 KS Colby, "High Plains Public Radio"
0445 K257DI 99.3 KS St. Francis, //88.9
0450 K214AR 90.7 KS Sharon Springs, //88.9 99.3
0614 K237CN 95.3 KS Atwood, //88.9, 99.3, 90.7 above
0616 K219AJ 91.7 KS Goodland, //above
0621 KCAY 95.9 KS Russell, wx, ads KS #70
0627 KQDF 96.7 KS Larned, ID
0630 KCKSt 95.3 KS Concordia
1330 KCCY 96.9 CO Pueblo, not counted before on 96.9!
1335 KKFM 98.1 CO Col. Spr. now counted before on 98.1! CO #124

cont....

SOUTHERN FM DX

NOVEMBER 1993

8/30 tr

1620 KTPK 106.9 KS Topeka, in briefly
9/24 tr fairly reg. at 375 mi.

1920 KMNE 90.3 NE Bassett, //91.7

1935 ? 90.3 WY? g, peaks north

9/6 ms & tr

0125 WBKR 92.5 KY Owensboro,ms,ID,KDHT off

0215 KCWC 88.1 WY Riverton, rare

0218 K224AD 92.7 CO Estes Park, KVOT trans.

CO #125

0225 KWB1 trans. 95.3 WY? peaks N, //91.1

0245 KBZA 107.9 CO Fort Collins,new cl noted

0251 KCME trans. 88.1 CO Manitou Springs,

//88.7,peaked sse, called station and they

they have no translators.

This was an unspectacular Es season(despite new state NY and some double hop to southern FL)and a poor tr season with no long haul (KNSR MN at 680 mi. was best DX), but some good enhancement into adjoining states added a number of new stations. On the 17th Aug. I worked a station on 144 mhz in eastern SD. on the 21st of Aug. I worked stations in se KS, nw OK and sw MO on 144 mhz and 432 mhz. The Perseids shower of Aug. 10-14 was unremarkable and not as good as the past two years, quite average,really,despite the predictions of a major storm. I made 20 contacts on 144 and two on 222 mhz and used FM to time my transmissions by watching the LEDs on my Onkyo T-4087. When a burst was in progress I made a very quick call and usually got an answer.

I will call up KWB1 and try to get a list of their translators which are growing like Topsy. Thanks to Doug Smith and Ralph Strobel for IDing some June-July Es. Ralph, the 89.9 Canyon City KTLF trans.(250 watts)you heard is K210BG. Perhaps tr will have one last fling, but we've already had snow and temps down to 23°. When the Aspen leaves fall can winter be far behind? 73.

 Hank Holbrook, 407 Arundel Rd., Fair Haven Cliffs, Dunkirk, MD 20754

Equipt.: 1990 Toyota AM/FM radio, standard auto whip.

106.7 WJNN Cape Mya, NJ, tr 4:25-4:41 AM, Aug. 31, CNN nx, 90 miles,"Cape May county's 1st and only news and all talk radio radio stn." Hurrican Emily coming up the coast. Received while parked in my driveway. (Holbrook, MD)

94.9 WXTK West Yarmouth, MA, tr, 4:59-5:20 AM, 400 miles., Aug. 31st, CNN news, local nx & wx, ads, STRONG!, "Cape Cod & the Islands #1 for news and talk." Received in my driveway. Fantastic reception on car radio (Holbrook, MD)

89.5 WHRV Norfolk, VA, tr, 8:01 to 8:25 AM, Sept. 1st, approx 140 mi., NPR nx, plus local regional news an announcements, wx, good at times, fighting WSCL MD and splash at times from WDCU DC 89.3. (Logged on way to work at American University in Washington, DC. Heard between Fair Haven & Andrews AFB when I lost them. Their sister station WHRO on 90.3 noted till about 8:40 AM. Both stations on same tower, but WHRO has by far the better signal here but don't have to contend with WSCL. (Holbrook, MD)

 From Robert W. Welch, Jr.....This message to Southern FM DXer Gus Mancuso of Hyattsville, MD. I admit that it is more like a question in response to a question about a 90.9 he logged on Aug. 17 at 2300 from Jamestown, NY. The reason you cannot find a WCAT (FM) in your atlas from there is probably because there is a WCAT AM-FM on the air[700 AM, 99.9 FM]from Orange, MA with separate programming, by the the way. As for that 90.9 you did log from Jamestown, NY, I am sorry that I can not assist you with the call sign. My first issue of VUD arrived on the 5th of October.

1994 CONVENTION HOST WANTED!

WTFDA NEEDS A VOLUNTEER TO HOST THE 1994 CLUB SUMMER GETTOGETHER! IF YOU'D LIKE TO FILL THIS POSITION, DROP US A LINE BY DECEMBER 1st. A SHORT SIGNED NOTE FROM YOU WILL DO. ONLY SERIOUS, QUALIFIED BIDS FROM MEMBERS CAN BE CONSIDERED, AND IN THE EVENT MORE THAN ONE BID IS RECEIVED, A MEMBERSHIP VOTE MUST BE CONDUCTED TO DECIDE THE LOCATION. IF JUST ONE OFFER IS RECEIVED BY DEADLINE, THAT MEMBER AUTOMATICALLY BECOMES CONVENTION HOST. MEMBERS INTERESTED IN HOSTING THE CLUB'S 1994 CONVENTION SHOULD WRITE TO: WTFDA, ATTN: BOARD OF DIRECTORS, P.O. BOX 514, BUFFALO NY 14210-0514. BIDS MUST BE RECEIVED ONLY BY MAIL, PLEASE!

NORTHERN FM-DX

GREG CONIGLIO
5100 GLENWOOD DRIVE
WILLIAMSVILLE, NEW YORK 14221
e-mail: coniglio@acsu.buffalo.edu

For DXers in: MA,NH,VT,CT,MA,RI,NY,PA,NJ,OH,MI,IN,IL,WI,MN,IA,NE,SD,ND,MT,WY,ID,WA,OR,AK,Canada
NOVEMBER 1993 DEADLINE: The 5th LOG CUTOFF: 3 months from postmark

The big news in this month's column has to be Hurricane Emily. Note there are several reports of some long haul packets opening up just before its landfall in the Outer Banks. Openings as nice as that from Andrew in some places (though certainly not here-It didn't really make it to my QTH this time). Let's hear from you!!

BILL NOLLMAN - 35 NYE RD. - GLASTONBURY, CONNECTICUT 06033

(203) 633-2883, Equipment: Carver TX-11A, modified for wide/narrow/super narrow selectivity, Probe 9 in attic...car tuner: Pioneer KEH5656 Supertuner III.

JUNE 1993 DX

12 Es			
1153	KWKH	94.5 LA Shreveport	
1155	KALK	97.7 TX Winfield, K-Lake	1350
1200	KUAR	89.1 AR Little Rock	1160
1232	WMFQ	92.9 FL Ocala, Q-Lite	
1238	WQYK	99.5 FL St.Petersburgh	
1244	WKTK	98.5 FL Crystal River	
1300	WLMS	88.3 FL Lecanto ID // WBVM	
Tampa			
1319	WBLX	92.9 AL Mobile, huge signal	
		it won't go away!!!	
1330	WIKX	92.9 FL Punta Gorda,	
		Kix Country 92.9 1150	
1339	WYNF	94.9 FL Tampa, 95-YNF	
1340	WOLZ	95.3 FL Ft.Myers	
1348	WCIE	91.1 FL Lakeland,813-886-8492	
1080			
1352	WLMG	101.9 LA New Orleans, Magic 102	
1354	WHTK	99.7 SC Port Royal, First station	
		heard by both E-skip, MS, and Tropo!!	775
1355	WHBX	96.1 FL Tallahassee	1010
1356	WTNT	94.9 FL Tallahassee	
1400	WBSN	89.1 LA New Orleans	1270
1401	WCKW	92.3 LA LaPlace	1270
1406	WZHT	105.7 AL Troy, Hot 105.7	
1421	WLTS	105.3 LA Slidell	
1423	WFSY	98.5 FL Panama City, Sunny 98.5	
1426	WSTZ	106.7 MS Vicksburg, Z-106	
1431	WTBB	97.7 FL Bonifay	1040
1437	WOOF	99.7 AL Dothan	
1447	WAFR	88.3 MS Tupelo,Am. Family R.	1010
1535	WTUG	92.9 AL Tuscaloosa, Power 93	1010
1541	WOKK	97.1 MS Meridian, 97OKK	1010
1553	WSYE	93.3 MS Houston, Sunny 93	
1554	WRSa	96.9 AL Decatur	940
1555	WXTX	98.1 AL Fayette	1000
1557	WQHL	98.1 FL Live Oak, Cool 98.1	990
1600	WEVL	89.9 TN Memphis	1050
1604	WZLQ	98.5 MS Tupelo	1010
15 Es			
1839	WTNT	94.9 FL Tallahassee	
1842	WAAC	92.9 GA Valdosta, C-93 Country	
1900	WLMS	88.3 FL Lecanto	
1900	WOCW	92.1 SC Parris Island	800
1901	WXJC	91.9 FL Crystal River	1050
1902	WMFQ	92.9 FL Ocala	
1910	WAIA	93.3 GA St.Mary's	920
1915	WKQL	96.9 FL Jacksonville, Cool FM	
1921	WKLD	97.7 AL Oneonta	940

June 15th Es cont.

1921	WOKK	97.1 MS Meridian	
1922	WDXX	100.1 AL Selma, Dixie 100	
1924	WZBQ	102.5 AL Jasper, Z-102	960
1926	WZMP	95.1 MS Marion, Z95	1100
1931	WALV	95.3 TN Cleveland, Alive 95	810
1933	WTVY	95.5 AL Dothan	
1935	WJBT	92.7 FL Green Cove Springs	970

16 Es

2004	KKIX	103.9 AR Fayetteville, Kix 104	1225
2008	KMMY	97.1 OK Muskogee, Y97	1300
2016	KLYR	92.7 AR Clarksville	1200
2019	KOYE	94.9 TX Laredo !!!! TX about the	
		TX Border patrol!!!	1800

2019 unID 93.9 CO Colorado Springs, very AOR station, possibly KILO!! Had it a few years ago!

2023	KURB	98.5 AR Little Rock, B 98.5	
2023	KKMY	104.5 TX Orange	1440
2036	KABF	88.3 AR Little Rock	
2042	KYKC	100.1 OK Byng	1370
2117	unID	99.7 Spanish in and out for over	
		5 minutes!!! (Bill, at that exact time I was ge	
		getting 2-Es to Monterrey, Mexico! IDED XHXL 91.7	
		and heard tent. XHJD 98.9 & XHSP 99.7!!-gc)	

18 Es

2005	WAAC	92.9 GA Valsota, big dissapointmnt	
		after the June 16th opening	

24 Es

1745	KGRC	92.9 MO Hannibal	1000
1748	KIAI	93.9 IA Mason City, The Moose	
1756	WOLX	94.9 WI Baraboo	900
----boy you could follow that skip right up the midwest!!!			
1905	SKIP	returned barely with 92.9 showing WIKX	
		WTUG, WMFQ, and.....	
1930	WBOX	92.9 LA Varnado, B-92	1225
-----I'm kinda tired of e-skip, how bout some trop, why thanks!!			
2330	WRSF	105.7 NC Columbia, Dixie 105.7	
		in at local quality!	
2355	WERX	102.5 NC Edenton, Rock 102.5	500
2313	WGH	97.3 VA Newport News	370
2323	WXCI	91.7 CT Danbury, phased out semi	
		local WHUS Storrs with rabbit ears	
2359	WRIU	90.3 RI Kingston, phased out	
		WAMC with rabbit ears	66

99.1 WVOD

BILL NOLLMAN's report continues.

JULY 1993 DX3 Es

1731	WUCF	89.9	FL Orlando	1050
1732	WDIZ	100.3	FL Orlando	1050
1741	WNFB	94.3	FL Lake City, B-94	990
1746	WVOH	93.5	GA Hazelhurst	860
1748	WDOG	93.5	SC Allendale, MONO/sat.	760
1749	WMTM	93.9	GA Moultrie	950
1751	WJXR	92.1	FL Maccleny	970
1753	WFLZ	93.3	FL Tampa, Power Pig	
1800	WCFB	94.5	FL Daytona Beach	
			B 94.5 Country	990

5 Es & Tr

First noticed e-skip about 1820 with WBLX and AOR on 92.9, probably WZNS. Did manage to get one skip ID before fadeout at 1900...

1830	WWNO	89.9	FL New Orleans	1270
Trop might have killed any chance of more e-skip, as it got pretty strong around 1830, typical NY, Philly, NJ, and Coastal Virginia. However one amazing ID was received...Here in Hartford 98.9 is the local spur frequency with 95.7 and 92.5 or 93.7 almost entirely destroying the freq. or anything but a semi-local signal. BUT somehow WUSL in Philly must have provided just enough quieting to let through a 750 watt, 663 foot station:				
1840	WKHJ	98.9	MD Mtn. Lake Park, heard was a swap shop, business on Rte. 3 in Pekin, and phone numbers!!! (Nice catch!-gc)	360

12 Es

MUF refused to budge above ch2, so I said \$&# it I'm going out....heard this in the car trying to hear Q105 WQGN in Groton, Ct.

1930	KXDX	105.5	AR Stuttgart, Dux 106	1140
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E-skip also noted briefly on July 13, 25, 29.

AUGUST 1993 DX11 Huge Tropo #1

0130	WKS	101.9	NC New Bern, Kiss 102	500
0144	WRZC	101.7	MA Pittsfield, Z 101.7	70
0139	WPLY	100.3	PA Media, Y 100 o/NYC	
0140	WBEB	101.1	PA Philadelphia, B 101.1 o/NYC	
0155	WRNS	95.1	NC Kinston	500
0212	WKQT	103.3	NC Newport, Classy 103.3	500
0244	WRSF	105.7	NC Columbia, Dixie 105.7	
0246	WDLX	93.3	NC Washington	
0300	WOEL	89.9	MD Elkton	215
0830	WESR	103.3	VA Olney	

Thanks to huge tropo, no Perseids noted on Aug. 11
2100 WTKF 107.3 NC Atlantic, MONO 500

15 Tr

1900	WTTH	96.1	NJ Margate City, The Touch 170	
------	------	------	--------------------------------	--

30 Hurricane Emily Tropo!!

NOTE: DC/Baltimore is rarer than Coastal NC/VA!

2128	WHITE	103.7	NC Williamston	450
2130	WSFL	106.5	NC New Bern	500
2131	WIKS	101.9	NC New Bern, Kiss 102	
2225	WKYS	93.9	DC Washington	290
2232	WKRE	107.5	VA Exmore, Lite 106 & 107	
2244	WFXK	104.3	NC Tarboro, Foxy 107.1 and 104.3	470

2249	WKTC	96.9	NC Goldsboro, KT Country	
5002300	WBAU	90.3	NY Garden City	90

2305	WSAY	98.5	NC Rocky Mount	470
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31 Why did I go to sleep???????Why did I go to work???????

0650	WGMS	103.5	DC Washington	290
0651	WASH	97.1	DC Washington	
0651	WRQX	107.3	DC Washington, Mix 107.3	
0654	WZNS	92.9	SC Dillon, Rock 92.9, solid signal!!!!	610
0724	WXCY	103.7	MD Havre de Grace	225
0726	WRVL	88.3	VA Lynchburg	440
0729	WRTI	90.1	PA Philadelphia, Jazz FM	
0731	WVLT	92.1	NJ Vineland	
0735	WFDU	89.1	NJ Teaneck	100
0738	WPOC	93.1	MD Baltimore	260
0740	WFLS	93.3	VA Fredericksburg	350
0742	WKHK	95.3	VA Colonial Hts. K95	
0755	WWDC	101.1	DC Washington, DC101	290
0756	WMWZ	98.7	DC Washington	
0758	WXYV	102.7	MD Baltimore, V103	260
0803	WVRT	104.3	MD Baltimore, Variety 104.3	
0804	WIYY	97.9	MD Baltimore	260
0808	WRCY	107.7	VA Warrenton, Thunder 107	
		ph# 800-666-1077		340
0813	WRFK	99.7	NC Kannapolis, Billy Big Morning Show, The Fox, not new	630
Sins heard in car and at work (yep, they let me put up a dipole)				
0845	WVGO	106.5	VA Richmond, not new	360
also heard WRQX and WRNS at work!				

SEPTEMBER 12, 1993 Tr's

1523	WXLE	104.5	NY Mechanicsville, XL104.5	90
1640	WRAV	94.5	NY Ravena, Mix 94.5	80

WMZQ
98.7FM 1590AM

Hi!, It's been quite awhile since I've last reported and I just couldn't let this great DX from the summer of 1993 go un-reported. Wasn't able to make the WTFDA convention in Tennessee this year due to a shortage of vacation days (will get 3 weeks next yea - since I've spent 5 years with present company) so should be able to get time off next year, one way or another...anyway there was a mini-FM DX convnention here in CT Labor Day Weekend, the NRC Convention came to Enfield, CT and enjoyable DX stories, food, pictures, etc were shared with George Greene, Paul Mount, Bob Smolarek, Mike Bugaj, Frank Merrill, Joe Fela, Laura McCusker, and Leo Gluk, and Greg Coniglio. Highlites of this summer's DX were Laredo, TX by single hop!! And of course the great hurricane trop, also my first "triple play", hearing WHTK in Port Royal, SC via Es, Tr, and MS!! Totals now at 628, up from 552, likely my best summer by the numbers yet., tho still a real lack of early and Northern DX which hasn't really been seen in a looooooong time..... so long for now!

RICH GALLISON - RFD #1 - BOX 2151 - CHARLESTON, MAINE 04422

APRIL 21, 1993 MS

1255 WGO 98.3 GA Jesup, "The Great Georgia Coast, 98.3"

AUGUST 1993 DX

3 Es, GW

2011 WKYQ 93.3 KY Paducah, k, calls, \$

2020 WMSJ 91.9 ME Harpswell, Christian, "Maine's Sound of Joy", WMEB on summer vacation, \$

5 Es

2256 WXPB 91.7 WI Rhinelander, calls, \$

2258 KQRS 92.5 MN Golden Valley, KQ-92, \$

6 Tr

2300 CJMO 103.1 MB Moncton, rock, calls, \$

31 GW

2300 WSNV 103.9 ME Howland, calls, ezi, gag!, \$

Greetings fellow DX hounds! I haven't reported since February, but from looking at logs reported in the summer's VUD, it hasn't been a fruitless season. Could be a lot better here in Central Maine! Between chasing trout and tracking down relatives in graveyards, I haven't done a lot of DXing. I also moved in May, a half mile down the road, down in a Maine hollow with worse reception. Watched the Perseids instead of listening to them. Plus a new local on 103.9, \$WSNV, Sunny 103.9, identifying as Howland-Bangor. Looking for a QTH site on a big hill to build on, so I can use that horizontal 75 foot tower! Good luck Es best DX, 73 Rich P.S. Congrats Bill on the extra!!

MIKE CHERRY (VE7SKA) - BOX 631 - GANGES, BRITISH COLUMBIA V0S 1E0

EQUIPMENT: Sansui SX-1070 receiver, Toshiba SA-500 Analog tuner, Mobile: Toyota stereo FM with 180, 150 kHz IFs, ANTENNAS: Channel Master rabbit ears with trimmer (occasionally my TV DX ant: Linsday CC-30 22 element log periodic @ 25' AGL w/ARM-strong rotor, NB: FM DX antenna not installed yet. = mobile logging

APRIL 22, 1993 DX

0557 KUER 90.1 UT Salt Lake, "continues on KUER your station for", prev Es

795

MAY 1993 DX

16 Es

1812 KESD 88.3 SD Brookings, ID, c\$

1815 KKCK 99.7 MN Marshall, ads\$

1818 KUSD 89.7 SD Vermillion, SD pub. affairs 1291

1823 KTFG 102.9 IA Sioux Rapids, rig, calls

1827 KRSW 91.7 MN Pipestone, concert, ID

1832 KQRN 107.3 SD Mitchell, wx, ads\$ 1291

31 Es

0843 KDPR 89.9 ND Dickinson, promo\$ 964

0848 KOLY 99.5 SD Mobridge, lcl ads, wx

JUNE 1993 DX

9 Tr = Nanaimo, BC

0731 KPBB 91.1 WA Spokane, Morn. Ed, \$ 320

0734 KCDA 103.1 ID Coeur D'Alene, k, Country 103\$

0739 KMBI 107.9 WA Spokane, religion 320

20 MS

2151 KROG 105.1 OR Phoenix, "...appearing for 3 nights at the Foursquare gospel church in Ashland"

JULY 1993 DX

17 Es

1533 KXXZ 95.9 CA Barstow, r, calls, ads\$

1537 KCMJ 92.7 CA Indio, r, ads\$

1539 KZXY 102.3 CA Apple Valley, rk, low power!

1542 KBZT 96.7 CA La Quinta, rm, wx promos\$

1543 KUBO 88.7 CA Calexico, e, ID

1547 KEZN 103.1 CA Palm Desert, b, EZ103 \$

1548 KPSI 100.5 CA Palm Springs, p, modern rock\$

1549 KDES 104.7 CA Palm Springs, best oldies

1551 KRCQ 102.3 CA wx, sports, promo

1553 KWST 94.5 CA Brawley, k, K-West, \$

1555 XEWV 106.7 BC Mexicali, lk, rancheras, \$

1556 KXQ 107.5 CA El Centro, nx, w/local mention

1557 XHBA 104.1 BC Mexicali, S U.S. a/c mx, ID\$

1559 XHSOL 89.9 BC Mexicali, legal ID, \$

XHJC 91.5 BC Mexicali, modern rock, \$, ID

1600 XHVG 103.3 BC Mexicali, U.S. CHR, ID\$

1602 XHMC 104.9 BC Mexicali, weak, over semi-loc. CKSR, legal ID

1604 KSIQ 96.1 CA Brawley, Q-96, r\$

1608 KUBO 88.7 CA Calexico, S news or pub. affs

AUGUST 1993 DX

11 MS

1359 KCWC 88.1 WY Riverton, prev Es, 18 second burst with legal ID.

16 Au-E = Campbell River, BC

1826 CKLU 103.1 MB Winnipeg, ads, soft hits

1831 CKX 96.1 MB Brandon, r\$, ID

SEPTMEBER 1993 DX

2 Tr = Sidney, BC

0629 KAOS 89.3 WA Olympia, p, eclectic mix, prev sign on of local KUGS

0736 KHPE 107.9 OR Albany, g\$ 340

0739 KMHJ 89.1 OR Gresham, jazz\$ 290

0742 KWWJ 99.5 OR Portland, k, wx, traffic 290

0747 KOAP 91.5 OR Portland, Morn. Edition 290

FM beam still isn't up here at my new QTH - hope to do so before late fall. Mexicali Es was a surprise. I've had Tijuana once, also NE Mexico, but never this area. August 16 while on vacation heard heavy Au-scatter "buzz" for 2 hours before brief Au-E opening. 73's MIKE

XHFG

Fiesta Grande

DAVE NIEMAN - 12284 NICE ROAD - AKRON NEW YORK 14001-9529

Equipment: Carver TX-11a tuner, Channel Master model 4408 (Stereo Probe 9) at 36 feet AGL on a crank up tower, (826 feet ASL). Alliance HD-73 rotor and Jerrold CAC-11 coax.

New loggings are underlined. New call (K K K K). New propagation mode WWW.

AUGUST 1993 DX

1 Meteoscatter

0901 WYMX 99.1 MS Greenwood, ID, r\$
1041 KFUO 99.1 MO Clayton, "Classic-99", \$

16 Meteoscatter

1433 WQIK 99.1 FL Jacksonville, call, \$

19 tropo

1411 WYSZ 89.3 OH Maumee, "Yes-FM"
Toledo area weather, gr\$

21 tropo

0810 WGLQ 97.1 MI Escanaba, "Magic FM", rm\$ 488

1114 WOFM 94.7 WI Mosinee, call, o\$ 586

1240 WIFC 95.5 WI Wausau, call, r\$ 571

SEPTEMBER 1993 DX

12 tropo

2334 CICK 105.9 ON Orillia, "Kix-106", k\$ 141

13 tropo & Groundwave

0003 CBLU 94.3 ON Huntsville, ...JAZZ BEAT

on CBC radio..., j mono 164

0024 CIQM 97.5 ON London, "Q-97.5-FM"+

call, rm\$, ex 103.1 142

0800 WYNQ 93.3 NY Avon, ID, nt\$ 44

27 tropo

0719 CKDK 103.9 ON Woodstock, "K-102"?, call heard

+ the new "K-104", rm\$, // 102.3 113

Got behind in my DX reporting and missed the October "NORTHERN FM" column deadline for August DX. In September, there has been some changes in southern Ontario radio. CBCO 105.9 Orillia is now on 91.5 and is covered by WXXI Rochester now; 105.9 has been taken over by CICK Orillia which will replace CFOR-AM 1570 Orillia. CIQM 103.1 London has moved to 97.5 and puts in a fair signal at Akron now. CKDK 102.3 Woodstock is also operating on 103.9 pending a move to that frequency; they also put in a fair signal at Akron now. Dave

DAVE NIEMAN - HO STA GEH ROAD - ROCK CITY NEW YORK

Equipment: Carver TX-11 tuner IF filter modified. Channel Master model 4408 (Stereo Probe 9) at 25 feet AGL (2415 feet ASL). Winegard FT-7600 variable FM trap for 95.7MHz, Belden RG-8 coax and Radio Shack rotor.

New loggings are underlined. New call (K K K K). New propagation mode WWW.

AUGUST 1993 DX

15 troposcatter

1351 WDHA 105.5 NJ Dover, ID, rp\$ 220

1451 WSPK 104.7 NY Poughkeepsie, lcl ads, \$ 236

1748 WKCY 104.3 VA Harrisonburg, lcl ads, \$ 252

22 tropo

0918 WEZF 92.9 VT Burlington, call, rm\$ 333

over semi-local WBUF Buffalo NY

0922 WMAS 94.7 MA Springfield, call, r\$ 300

0937 WOURL 96.9 NY Utica, call, rp\$ 184

over semi-local WGRF Buffalo NY

0949 WYCR 98.5 PA York, call, r\$ 169

over semi-local WKSE Niagara Falls NY

1006 WNTK 99.7 NH New London, call, nt 350

1012 CIRO 99.7 PQ St. Georges-de-Beauce,

call, k\$, French 479

1040 WZRT 97.1 VT Rutland, "Z-97", lcl ads, r\$ 306

1108 WEQX 102.7 VT Manchester, call, rp\$ 283

1200 CHYR 96.7 ON Learnington, call, k\$ 213

over semi-local WFRM Coudersport PA

27 tropo & scatter

1100 WJSM 92.7 PA Martinsburg, ID, g mono 119

2213 WZOS 96.7 NY Oswego, "Z-96.7" r\$ 146

WFRM Coudersport PA off

2216 CBCD 96.7 ON Pembroke, ...CBC radio...

t mono 274

28 tropo

0941 CJQM 104.3 ON Sault Ste Marie, "Q-104"

local ads, k\$ 429

29 tropo

0624 WBIG 100.3 DC Washington, call, o\$ 225

ex WJZE

AUGUST 29, 1993 tropo continued

0646 WXYV 102.7 MD Baltimore, call, \$ 203

0757 CFRU 93.3 ON Guelph, call, s\$ 141

over semi-local WWSE Jamestown NY

SEPTEMBER 1993 DX

5 tropo

0932 WINK 106.1 NY Corning, "Wink-106"+

call, still rm\$, ex WZKZ 74

1031 WFRB 105.3 MD Frostburg, call, k\$ 163

over semi-local WKQP Hornell NY

1106 WNNK 104.1 PA Harrisburg, "Wink-104" r\$ 141

over semi-local WHTT Buffalo NY

18 tropo

0330 WTOF 98.1 OH Canton, call, g\$ 165

0818 CICK 105.9 ON Orillia, "Kix-106-FM", k\$ 205

0824 CBCO 91.5 ON Orillia, ...FRESH AIR on CBC

radio..., ct mono, ex 105.9 205

0836 CIQM 97.5 ON London, "Q-97.5-FM"

rm\$, ex 103.1 160

over semi-local WKYN St. Marys PA

0906 WZIP 88.1 OH Akron, ID, e\$ 176

...SATURDAY MORNING POKES...

0936 W??? 90.1 OH Youngstown, NPR \$

mention WKSJ Kent Ohio, a new satellite?

0944 WKST 92.1 PA Ellwood City, "Star 92.1"+

call, rm\$ 123

25 tropo

1028 CKDK 103.9 ON Woodstock, "K-104"+call,

rm\$, //102.3 for now 137

over semi-local WLMi Kane PA

1100 WYNQ 93.3 NY Avon, ID, nt\$ 74

over semi-local WWSE Jamestown NY

Autumn's here and the leaves are starting to change color. There hasn't been any long haul tropo opening yet, just some fair morning tropo. Dave

dBRUCE HALL - 5 STIRTON AVE. - BRANTFORD, ONTARIO CANADA N3T 1E2

Equipment: JVC JR-S201 receiver (IF mod w/3-110 filters), Magnum Dynalab Sleuth 205 amp, probe 9 fed with RG6 at 50 feet above ground level. Crown rotor. Distances are in kilometres.

AUGUST 1993 DX

30 GW

0643 **CIQM** 97.5 ON London, rm, Q-97.5, ex 103.1

"We are not even up to full power yet, we're just doing a little experiment"

79

SEPTEMBER 1993 DX

1 Tr

0719 **WJPA** 95.3 PA Washington, "The new sound of oldies, 95.3 FM, 1450 WJPA", CJXY on low power 328

4 GW

0827 **WFGO** 94.7 PA Erie, Froggy 94.7, "You're listening to Erie's all new Oldies station, Froggy 94.7, the call letters of this station are WFGO" 111

6 Tr

0700 **WLMI** 103.9 PA Kane, "America's Best-WLMI Kane" 201

0815 **WJZR** 105.9 NY Rochester, North Coast 218

AUGUST 7 Tr

0700 **{CICX}** 105.9 ON Orillia, "The new Kix, all the way south to Toronto as a caller from Brantford let us know" (I wonder who that was, hi-gc) 181

10 Trs

0553 **WKHQ** 105.9 MI Charlevoix, 56' in Travis City 466

19 Tr/GW

0757 **{WBBS}** 104.7 NY Fulton, "WBBS FM Fulton-Syracuse, today's hot new country, B104.7" exWKFM 314

0811 **WXKC** 99.9 PA Erie, Amer. Gold, o/CKFM 111

0818 **WSHH** 99.7 PA Pittsburgh, Wish 99.7 FM 299

0853 **WAAL** 99.1 NY Binghamton, "99 point 1 WAAL, the total Rock & Roll Experience" 375

0900 **WEEL** 95.7 OH Shadyside, o, "95.7 Wheel FM W-E-E-L Shadyside" 352

22 GW

0640 **CKDK** 103.9 ON Woodstock, rm, K104 "Testing on 103.9 Megahertz, if you have any questions or comments please call us at Woodstock, Ont. at (519) 539-1040 38

ALAN R. MILLMAKER - 2714 LAKE ROAD - CENTRALIA, ILLINOIS 62801

(KA9GUL) Equipment: Lafayette 303 receiver, antenna is Winegard CH6065 up 30 feet, with RG6 coax. Rotor: Radio Shack Archer II, no amplifier

AUGUST 1993 DX

(Antenna still up only 20 feet)

6 Tr

2320 **WNKX** 96.7 TN Centerville, "New Kick Country 96"

7 Tr

0300 **WCUS** 96.7 IL Virden (oldies from 50s and 60s) (Alan, note the correct city of license-gc)

8 Tr

2140 **KIRK** 103.7 MO Lebanon, now country, was rock according to Atlas

11 Tr

0627 **KLPW** 101.7 MO Union, K-101.7

0706 **KWWR** 95.7 MO Mexico, Country 96

12 Tr

0739 **WUZR** 105.7 IN Bicknell, Hoosier 105.7

13 Tr

1143 **KELE** 106.7 MO Mt. Vernon, K-Lite slogan

1146 **KEZA** 107.9 AR Fayetteville, Magic 107.9

17 Tr

(Antenna now up 30 ft. with RG-6 coax)

1154 **KJFM** 102.1 MO Louisiana

1207 **WBBA** 97.5 IL Pittsfield, NOTE #1

1400 **WGEM** 105.1 IL Quincy

1412 **WXFM** 99.3 IL Mount Zion

1500 **WTLC** 105.7 IN Indianapolis, over KPNT

1611 **WTTS** 92.3 IN Bloomington, over WIL

1755 **KDEX** 102.3 MO Dexter

1856 **WJEQ** 102.7 IL Macomb, first station here on frequency

2132 **WQLZ** 92.7 IL Taylorsville

2200 **WBGW** 101.5 IN Fort Branch, religion o/WCIL

2213 **KEEY** 102.1 MN St. Paul, K102 heard with country, and antenna north

2311 **WBNQ** 101.5 IL Bloomington, o/WCIL

18 Tr

0201 **WHQQ** 92.1 IL Charleston, first one here on this frequency

0223 **WXLP** 96.9 IL Moline, 97X heard

1931 **WYLL** 106.7 IL DesPlaines

2132 **WLEZ** 102.7 IN Terre Haute, EZL music

19 Tr

1448 **WGFA** 94.1 IL Watseka, WMIX off

1639 **WWKI** 100.5 IN Kokomo

20 Tr

0149 **KMXG** 96.1 IA Clinton, Mix 96 heard, antenna north (note call change, Alan-gc)

0203 **WLTM** 96.1 IL Rantoul, Eagle 96.1 heard

0210 **WZRO** 98.3 IL Farmer City

0216 **WHZT** 105.9 IL Mahomet, Z-Rock

0248 **WAJT** 99.3 IL LaSalle

0546 **KICK** 97.9 MO Palmyra

1035 **WEAI** 107.1 IL Jacksonville, The Eagle

22 Tr

0120 **WSM** 95.5 TN Nashville

0133 **WWEZ** 97.5 TN Trenton, EZ 97.5 heard

2032 **WKOT** 96.5 IL Marseilles, Oldies 96.5

2110 **WBBM** 96.3 IL Chicago, B-96

23 Tr

2152 **KFAV** 99.9 MO Warrenton, V-100

MORE EXCITING DX TO COME- TURN THE PAGE!

ALAN MILLMAKER's report continues.

SEPTEMBER 1993 DX**6 Tr**

0900 WYDS 93.1 IL Decatur, D-93
2216 WHIC 94.3 KY Hardinsburg, Powhouse 94.3

12 Tr

0106 WYKL 98.1 TN Millington
0119 KJMS 101.1 TN Memphis, 101 Jams

18 Tr

2002 WAAG 94.9 IL Galesburg, FM 95
2100 KCMO 94.9 MO Kansas City, with oldies
2149 KQRC 98.9 KS Leavenworth, The Rock, call
2337 WZBQ 102.5 AL Jasper, Z-102 over KEZK

Sept. 19 Tr

0100 WZZL 106.7 KY Reidland, country
0109 WSYE 93.3 MS Tupelo, Sunny 93 heard
0146 WXLt 95.1 IL Carterville, Lite Mix 95
0223 KTPK 106.9 KS Topeka, heard promo with call
0300 WCAZ 92.1 IL Carthage, oldies
0358 KWKZ 106.1 MO Charleston, KZ-106, country
0536 WXBQ 96.9 TN Bristol, (WXBQ & WCYBID)
0600 WWBL 106.5 IN Washington, The Bullet

My total is now at 251. 73's

RICK SHAFTAN - 39 OLD MIDDLETOWN ROAD - ROCKAWAY, NEW JERSEY 07866

(201) 586-3563, Equipment: REALISTIC STA-2280 with 7 110 khz filters (see McVey article, Nov. 1990), CHANNEL MASTER 20 ELEMENT TV 45' AGL. PHASED with FM-13, and WINEGARD AP-3800 amp (32.9 db gain, 3.2 db noise figure), 30' AGL phased thru a capacitor in a box and the Bolin Phase Box. (IN CAR: KENWOOD KRC-430 with 2 110 khz filters). All times approximate.

JULY 1993 DX**3 Es**

1600 KEOM 88.5 TX Mesquite, lame // Joe Fela
1830 KILS 92.7 KS Minneapolis, ID
1840 KYEZ 93.7 KS Salina, "KY-94, the station
North Central Kansas always counts on"

1845 KCMO 94.9 MO Kansas City, Oldies 95
1850 KJNA 99.3 LA Jena, ID // Bill N.
1853 KRUV 100.1 LA Bastrop, 100 FM The River
1855 KLTH 99.7 MO Kansas City, local ments.
1857 KROA 95.7 NE Grand Island, religion
1859 KKPR 98.9 NE Kearney, ID

4 TrS

0032 WZXV 99.7 NY Palmyra, religion, ID

6 Es-Tr

1502 KOMA 92.5 KS Phillipsburg, "Smith County
Fair" ment Phillipsburg

1507 KROA 95.7 NE Grand Island, hog prices
1813 WYRQ 92.1 MN Little Falls, ID
1840 KLOZ 92.7 MO Eldon, ad for Toledo at
Horseshoe Bay & 5th Seasons Lounge, Hwy 50W
1851 KSD 93.7 MO St. Louis, "Classic Rock
on 93.7 KSD"

1914 WOTB 100.3 RI Middletown, Muzak/Jazz
and "100.3 Kool FM"

2100 WNTK 99.7 NH Lebanon, "Talk Radio
WNTK", this one is in quite often

11 TrS

0050 WAOX 95.7 NY Manlius, 95X the best
classic rock.

0053 WYYY 94.5 NY Syracuse, Y94 the best mix
0140 WFRG 96.1 NY Rome, 96 Frog, WWF ad
1432 WRTY 91.1 PA Jackson Twp, ID as WRTI

This has taken years to get even though I can get it
in the car less than 2 miles away.

AUGUST 1993 DX**1 TrS**

2000 WWWD 97.7 PA Jersey Shore
"3-WD Williamsport"

AUG. 11 Tr

0240 WXGL 93.9 ME Lewiston, "Eagle 94 with the
Eagle Eye forecast for Central ME", WNYC off, wow.

12 Tr

0028 (WKOE) 106.3 NJ Ocean Cty. Country 106.3

14 TrS

2140 (WSPI) 99.7 PA Shamokin, Spy 99.7 Lite FM

16 MS

1258 KFMH 99.7 IA Muscatine, "99 Plus KFMH"
Nothing during the Perseids though.

22 TrS

1959 WOZZ 100.9 PA Milton, classical, ID

23 TrS

2245 WCDO 100.9 NY Sidney, Mets post game
and ad for Burger King, Main Dr. in Sidney

29 TrS

0919 WYCY 105.3 PA Hawley, Y105, new pest
0952 WCDO 100.9 NY Sidney, wx for Sidney

1038 WXLE 104.5 NY Mechanicsville, ad for
Schenectady area college (Rich, note calls-gc)

1100 WKZE 98.1 CT Salisbury, classical

30 Emily Induced Tr

2059 WNCT 107.9 NC Greenville, ID, good to know
I can still get them with WPMR on the air

2200 WFXK 104.3 NC Tarboro, lame ID o/WNCN
2206 WEXT 103.3 NC Newport, Hurricane warnings

2221 WFCC 107.5 MA Chatham, classical thru WBLS
2309 WWLI 105.1 RI Providence, Lite 105 o/WMXV

2314 WBXB 100.1 NC Edenton, black gospel
2346 WASH 97.1 DC Washington, lame u/WQHT

2350 WPGC 95.5 MD Morningside, ID theu WPLJ

31 Tr

0041 WIOV 105.1 PA Ephrata, Country 105

0126 WCUL 103.1 VA Culpepper, C-103, town is
pronounced Cull-pepper.

0157 WVES 99.3 VA Accomac, "Hot Country
Favorites" and Hurricane Forecast

Wait! There's Still More Hurricane DX!

RICH SHAFTAN's report continues...

August 31st Emily Related Tr continues.

- 0210 WWOC 94.3 NJ Avalon, classical
 0227 WXEZ 94.1 VA Yorkton, Nice & Easy 94
 0240 WZZU 93.9 NC Burlington, ZZU, WNYC off
 0250 WPRO 92.3 RI Providence, thru WXRK
 0350 WMJX 106.7 MA Boston, Magic 106.7o/WLTW
 0423 WRCQ 103.5 NC Dunn, calls, heavy metal
 thru WGMS which was through local WYNY (which
 is now Y-103.5) "103.5 WRCQ"
 0425 WRAL 101.5 NC Raleigh, "USA Overnight"
 with lame, "Mix 101.5" ID. In next morning too,
 over semi local WKXW.

SEPT. 1st Tr

- 0224 WKHK 95.3 VA Colonial Hts, ID
 We took a road trip out west this summer. Some of the
 better DX is as follows (all Tr/TrS). Estimated mileages
 are in parentheses.

7/14

- 1634 WBYY 98.9 OH Van Wert, received on US 30
 Mile 59, Indiana, "The Bear" (100)

7/15

- 1358 WSMI 106.1 IL Litchfield, ad for Illinois
 Will Kit, I-88, mile 13 as we reached flood zone (170)

7/16: 0918 CDT and onBandscan from Canistota SD going west on I-90
to Mitchell, South Dakota, and beyond

- KICD 107.7 IA Spencer (110)
 KQRN 107.3 SD Mitchell, Q-107 (30)
 KEXL 106.7 NE Norfolk (100)
 KMIT 105.9 SD Mitchell (30)
 KGRD 105.3 NE Orchard (70)
 KKLS 104.7 SD Sioux Falls (30)
 WNAX 104.1 SD Yankton (40)
 KUOO 103.9 IA Spirit Lake (100)
 KRRO 103.7 SD Sioux Falls (30)
 KJAM 103.1 SD Madison (40)
 KBRX 102.9 NE O'Neill (50)
 KFRX 102.7 NE Lincoln (190)
 KQIC 102.5 MN Willmar (110)
 KZSD 102.5 SD Martin (170)
 KRNY 102.3 NE Kearney (210) Y-102
 KKQQ 102.3 SD Volga, Power 102
 and ID w/ Brookings (50)
 KTWB 101.9 SD Sioux Falls (30)
 KVCX 101.5 SD Gregory (80)
 KLQL 101.1 MN Luverne (60)
 KGBI 100.7 NE Omaha (165)
 KZEN 100.3 NE Central City (160)
 KKCK 99.7 MN Marshall (80)
 KKPR 98.9 NE Kearney (210)
 KSID 98.7 NE Sidney, oldies (275)
 KQKQ 98.5 IA Council Bluffs (170)
 KSEZ 97.9 IA Sioux City Z98 (90)
 KPAT 97.3 SD Sioux Falls (30)
 KDLO 96.9 SD Watertown (90)
 KZKX 96.9 NE Seward (180)
 KNWC 96.5 SD Sioux Falls (30)

South Dakota DXpedition continued

- KINI 96.1 NE Crookston (14)
 This station plays an eclectic mix of Tribal Music and
 Hank Williams Jr., among other things. It can be heard
 throughout most of SD and is run by an Indian Nation.
 KKOK 95.7 MN Morris, c/w (100)
 KGLI 95.5 IA Sioux City (90)
 KQAA 94.9 SD Aberdeen (140)
 KNEN 94.7 NE Norfolk (100)
 KPLO 94.5 SD Reliance (90)
 KSDN 94.1 SD Aberdeen (110)
 KTSB 93.9 IA Sioux Center (60)
 KBRK 93.7 SD Brookings (50)
 KWMG 93.5 NE Columbus (130)
 KKYA 93.1 SD Yankton (40)
 KGFX 92.7 SD Pierre (150)
 KEZO 92.3 NE Omaha (165)
 KQSD 91.9 SD Lowry (130)
 KPNE 91.7 NE North Platte (250)
 KRNE 91.5 NE Merriman (185)
 KRSU 91.3 MN Appleton (90)
 KTSD 91.1 SD Reliance (90)
 KDSD 90.9 SD Pierpoint (110)
 KMNE 90.3 NE Bassett (120)
 KILI 90.1 SD Porcupine (185). If I

remember correctly, this is an Indian station too (yep-gc)

- KUSD 89.7 SD Vermillion (60)
 KLNE 88.7 NE Lexington (220)
 KFSI 88.5 MN Rochester (250)
 KESD 88.3 SD Brookings (50)

7/16

- 1217 KISD 107.7 IA Spencer, mi 281 on I-90 in
 South Dakota (190)
 1352 KQKQ 98.5 IA Council Bluffs, at mi. 206 on
 I-90 in SD (Rich, that is who this is-gc)

7/19 MS (in Emigrant MT)

- KEMCt 88.5 MT Livingston
 KGLTt 88.5 MT Emigrant
 KEMCt 91.1 MT Emigrant
 KEMC 91.7 MT Billings
 KGLT 91.9 MT Bozeman
 KYA 93.3 MT Billings
 KBOZ 93.7 MT Bozeman
 KOPR 94.1 MT Butte
 KMMS 95.1 MT Bozeman
 KQUY 95.5 MT Butte
 KSIF 96.1 ID Idaho Falls
 KGVW 96.7 MT Belgrade
 KZLS 97.1 MT Billings
 KLCE 97.3 ID Blackfoot
 KYBS 97.5 MT Livingston
 KGVWt 98.3 MT Big Sky
 KIDX 98.5 MT Billings
 KGVWt 99.3 MT Livingston
 KBLL 99.5 MT Helena
 KZLO 99.9 MT Bozeman (The Fox)
 KZMQ 100.3 WY Greybull, on TrS

RICH SHAFTAN's report continues...

Montana DXpedition cont.

KYBS 100.9 MT Livingston
 KZMT 101.1 MT Helena
 KBOZ 101.7 MT Livingston
 KBOZ 101.7 MT Big Sky
 KBMC 102.1 MT Bozeman
 KCTR 102.9 MT Billings
 KOHZ 103.7 MT Billings

KSIF 103.9 WY Mammoth Hot Springs
 KHKR 104.1 MT E. Helena
 KEMC 104.9 WY Mammoth Hot Springs
 KMTX 105.3 MT Helena
 KMTN 105.5 WY Mammoth Hot Springs
 KBOZ 106.3 WY Mammoth Hot Springs
 KCTR 107.1 WY Mammoth Hot Springs

Great Hurricane trop. Lousy Es and MS season. The FM-13 works great with the other aerial for phasing. Next year's goal is two stacked FM-13's. Other notes from Montana: Stations not on the air: KROST 97.7 in Broadus, MT; KAFM 99.5 Red Lodge, MT; KGVW 96.3 Bozeman MN; KKMT 98.7 Ennis MT; KRGS 96.5 West Yellowstone MT. Stations notes as on the air... a 90.3 FM in Yellowstone Park with NPR and IDing as Wyoming Public Radio. A 92.7 NPR in Pocatello ID, a 90.7 FM with religion in Pocatello. This may be the 90.1 that is not on the air. Went down south from there. Generally, was able to receive TrS up to 200 miles, even in the desert. First NYC stations came in just north of Reading, PA.

DANIEL OETTING - 600 W. SCHUYKILL RD. - POTTSTOWN, PENNSYLVANIA 19464AUGUST 1993 DX

3 Tr
 1025 WSPK 104.7 NY Poughkeepsie, r, strong!
 3 DXpedition to Bake Oven Knob, New Tripoli, PA
 with Steve West (15 miles WNW of Allentown)
 1230 WUSR 99.5 PA Scranton
 1230-1430 Lots of W. Pa. and Central NY relogs
 11 Tr
 0100 WPRO 92.3 RI Providence, r, ID
 0115 WAAF 107.3 MA Worcester
 0121 WWBB 101.5 RI Providence, o
 0720 WKQJ 92.7 NY Middletown, "KOJ", rp
 0738 WRCZ 101.7 MA Pittsfield, IDd w/WBRK
 0745 WRWD 107.3 NY Highland
 0805 WHYN 93.1 MA Springfield
 0808 WRNQ 92.1 NY Poughkeepsie

AUGUST 13 Tr

0650 WLGL 92.3 PA Riverside, k, "Wiggle"
 23 Tr
 0730 WBPM 94.3 NY Kingston, B94, rs "dance mx"
 0733 WRCZ 101.7 MA Pittsfield
 31 Hurricane Tr
 0620 WBOS 92.9 MA Brookline
 0625 WSNE 93.3 MA Taunton
 0630 WXTK 94.9 MA W. Yarmouth
 0635 WTDY 100.9 CT New London
 2300 WATD 95.9 MA Marshfield, ID, j

See ya, Dan O.

WKLX 99
Good Times Oldies

ERNEST COOPER - 5 ANTHONY ST. - PROVINCETOWN, MASS. 02657-1703

Equipment: NAD 7225 PE receiver, McIntosh MR-78 FM tuner, & a 9 element rotary beam rooftop antenna.

JUNE 1993 DX

14 Tr
 0216 WJUX 103.1 NJ Franklin Lakes, r (listed
 on 88.7 - this must have been that 35 w. relay)
 29 Tr
 1232 WBWW 106.5 CT Ledyard, Mix 106.5

JULY 1993 DX

3 Tr
 0202 CJMO 103.1 NB Moncton, r
 0205 WXBB 105.3 ME Kittery, "Portsmouth's
 (NH) Hot Country" and "B-105"
 6 Tr
 0200 WBZO 103.1 NY Lake Shore, o, B-103
 0209 WGTY 107.7 PA Gettysburg, k,
 "Serving Central Pennsylvania"

8 Tr

0158 WNTK 99.7 NH New London, end of Jim
 Bohannon show, all talk, ID @ 0200 mentions
 WNTK, WNTK-FM, and WNTX 100.5

July 8, 1993 Tr

0214 WHAI 98.3 MA Greenfield, talk show. Has
 ignored four reports, very friendly eh?
 0239 WCQL 95.3 ME York Center, r, the AM
 is in Portsmouth, N.H.

8 Es

1257 KCRB 88.5 MN Bemidji, mentioned
 thunderstorms, and underwriters names

9 Tr

0205 WKVT 92.7 VT Brattleboro, r, KVT

15 GW

0200 WBRS 100.1 MA Waltham, s/off, 25 watts

19 Tr

0157 WPLJ 95.5 NY New York, talk show
 local (another non-verifier)

0246 WSHR 91.9 NY L. Ronkoncomba, b,
 with local WOMR off the air

0757 WJUX 103.1 NJ Franklin Lakes, in again
 with "Jukebox Radio", solid signal

Ernest's report continues on the next page...

ERNEST COOPER's report continues..

JULY 1993 DX

6 Tr
211 **WKSO** 94.5 ME Ellsworth, r, Kiss 94.5
WWMJ 95.7 ME Ellsworth, Oldies 95.7

0 Tr
151 **WXOD** 98.7 NH Winchester, o

AUGUST 1993 DX

Tr
153 **WXBB** 105.3 ME Kittery, in again
3 Tr
215 **WFTN** 94.1 NH Franklin, r, in then gone
not enough to report
210 **CIRO** 99.7 PQ Ste-Georges-de-Beauce
in French, in/out with WNTK
216 **WMEW** 91.3 ME Waterville, c // WMEA
90.1 and others

7 Tr
156 **WEQX** 102.7 VT Manchester
219 **WZPK** 103.7 NH Berlin, r

0 Tr
121 **WMXN** 105.3 VA Norfolk, Mix 105.3
130 **WSCL** 89.5 MD Salisbury, c
155 **WMYA** 96.1 VA Cape Charles, s ex WKSV
214 **WAFL** 97.7 DE Milford, talk about on-
coming Hurricane Emily, r, "Waffle" non ID
228 **WECY** 98.3 DE Seaford, r
324 **WSJL** 102.3 NJ Cape May
338 **CBAF** 88.5 NB Moncton, talk show
and BBC news at 2400.

1 Tr
109 **WFNN** 98.7 NJ Villas, r, Fun 98.7
134 **WNNT** 100.9 VA Warsaw, on Virginia Nx
Net, news of Hurricane Emily
323 **WXJN** 105.9 DE Lewes, Kix 106, k

SEPTEMBER 1993 DX

1 Tr
0159 **WPBX** 91.3 NY Southampton, ID
0203 **WKYS** 93.9 DC Washington, s, much
(c)rap music.

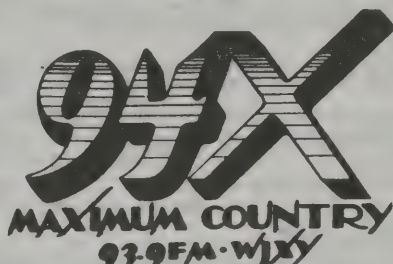
0219 **WWDB** 96.5 PA Philadelphia, talk
0250 **WGMS** 103.5 DC Washington, c

7 Tr
1056 **WEDW** 90.1 CT Stamford, c
WSHU 91.1 CT Fairfield, c

13 GW
0800 **WILI** 98.3 CT Willimantic, r, wx, etc.

14 Tr
0153 **WFNN** 98.7 NJ Cape May, in again
0215 **WWHB** 107.1 NY Hampton, relaying
WNEW 102.7 New York

Veries are "verie" slow - looks like many fups will be needed.



IM RENFREW - 61 WILCOX ST. - ROCHESTER, NEW YORK 14607-3832

Equipment: JVC auto radio, whip antenna, (716) 461-2717

SEPTEMBER 1993 DX

GW
353 **WYNQ** 93.3 NY Avon, new to air // 1030 AM
Rats! (Has since gone EZ listening-gc)

3 Tr
142 **CIOM** 97.5 ON London, new to air and asking
for reception reports. Rats! (again!)

151 **WCRE** 103.3 OH Cleveland, good thru WUFX
with "Mid-day connection" promo.

625 **CBOQ** 103.3 ON Ottawa, CBC stuff // 94.1
killing WUFX!

Sept. 21 Tr

1110 **CBLU** 94.3 ON Huntsville, // CBL 740
(Jim, I believe these are the calls-gc)

1411 **CICX** 105.9 ON Orillia, heard in Bergen, just
20 miles from Rochester, beating up WJZR. Is // to
CFOR-1570, slogan is Kicks-FM. Was testing

23 Tr

1000 **CIBC1** 94.3 ON Belleville, // 860, still noted
on 95.5 as well, rats, again.

WUFX was so weak on September 13 that I wonder if they were having technical problems that day? Or was this due to auroral conditions that were in effect that day? (Maybe, aurora has been know to really wipe out semi locals, only I am surprised it didn't wipe out all the TrS as well. Maybe the Fox was on low power-gc). Yet another sad report, as five of my new six loggings are new to the air, and several more DXable frequencies are shot down. I assume that CIQM is about 100 kW, judging from the way it was crushing WCIZ. (They do sound that strong, though I am pretty sure they are only 50 kW-gc). 93.3 is a serious loss. And what we get is a simulcast of WYSL-AM with nationally syndicated investment advice programs (they have changed to EZ since this report-gc). One temporarily bright spot is that 40 watt WIRQ 94.3 has not been on the air after summer break. A recent newspaper story says they have money problems (it's a high school station). I shouldn't be happy about this, because they have accomodated me with a schoolyear only schedule for years! Station news: KNFO 95.5 was sold June 1 and changed calls in July to KCKR, per QSL letter. WRUR was head announcing 3,000 watts on 9/16, an increase (they were off all summer).

RALPH STROBEL - 106 E. DAVIDSON STREET - MUNCIE, INDIANA 47303

Equipment: McIntosh MR-78 FM Tuner with two CM Stereo Probe 9 antennas and rotors at 38 and 36 feet above ground separated at 23 feet, with use of Bolin phase box.

*Denotes use of phase box.

August 1993 (CDT)

8 MS
0400 WDAV 89.9 NC Davidson 407
9 MS
?? WJIS 88.1 FL Bradenton 892
10 MS
0343 WPAR 88.1 NC Hickory 378
?? KNTU 88.1 TX Denton 808
?? KNTU 88.1 TX Denton 808
11 MS
?? WJIS 88.1 FL Bradenton 892
12 MS
?? KNTU 88.1 TX Denton 808
?? KNTU 88.1 TX Denton 808
14 tr
0000 WDFB 88.1 KY Danville, 170w, g 178
0448 WFTF 97.3 IL Elmwood, k\$ 245
(o/WMEF 97.3 IN Fort Wayne) 62
0630 WFLE 106.3 KY Flemingsburg, k\$ 145
(WFLE flea market program)
16 MS
0032 WJIS 88.1 FL Bradenton 892
0659 WUWF 88.1 FL Pensacola- 683
Port Walton Beach
21 MS
0920 WJIS 88.1 FL Bradenton 892
22 tr
0405 WWIZ 103.9 PA Mercer- 278
Sharon, wx, k\$
25 Es (brief)
1100 WJIS 88.1 FL Bradenton, g\$ 892
1105 WFTF 88.9 FL Tarpon Springs, g\$ 845
(Tuned to 88.9 as calls were given)
30 tr
1429 WCCW 107.5 MI Traverse City, 317
"Oldies 107-5 WCCW"
30 MS



3050 Post Oak Blvd. Suite 1100
Houston, Texas 77056
(713) 968-1000 Fax (713) 968-1055

1537 KFTX 107.5 TX Lake Jackson- 960
(verified by mail) Houston, Previous Es
September 1993
1 tr
2331 WVSL 105.9 KY Valley Station- 145
(See Note #1) Louisville, pr\$

2 MS (Sept. cont'd)
2102 WJSP 88.1 GA Warm Springs- 505
(See Note #2) Columbus
(#57 on 88.1 my best frequency)
3 MS
0201 WJIS 88.1 FL Bradenton 892
5 tr
0535 WAOL 99.5 OH Ripley- 128
(The Elvis Station) Cincinnati, o\$
(o/WZPL 99.5 IN Greenfield-Indy) 34
1345 WKPW 90.7 IN Knightstown, rp\$, 27
(equipment tests) 445w, "X-91"
5 MS
?? KGNZ 88.1 TX Abilene 961
10 GW
1500 WZBD 92.7 IN Berne-Decatur, 40
r\$, "Z-92.7"
11 tr
0300 WHPL 89.9 IN West Lafayette- 83
(Moody Bible) Lafayette, g\$
13 tr
0442 WNCW 88.7 NC Spindale, gr\$, 383
Previous MS
17 tr
0200 WJDK 103.1 IL Morris, rn\$ 179
18 tr
1800 WKSF 99.9 NC Asheville- 354
Spartanburg-Greenville, r\$
2221 WYAT 106.7 GA Gainesville- 415
"Y-106.7" Atlanta, k\$, ads, wx
2304 WENN 107.7 AL Birmingham, s\$ 467
0400 W237AT (OH WCDR 90.3)
95.3 IN Richmond, g\$ 35
ex-89.5 (See Note #3)
20 tr
0058 WRVG 89.9 KY Georgetown, 140w 143
0600 WOBF 91.5 OH Portsmouth, c\$, 162
(//WOSU 89.7 OH Columbus) 110w, 368m
21 GW
0200 WIWC 91.7 IN Kokomo, g\$ 45
(Moody Bible)
21 MS
?? KETR 88.9 TX Commerce, 754
Previous Es
23 MS
1000 KNPR 88.9 ND Minot, 965
Previous Es
25 tr
0601 WJZE 97.3 OH Oak Harbor- 105
"Jazzy-97.3" Toledo, m\$
(o/WMEF 97.3 IN Fort Wayne) 62
26 MS
?? WJSP 88.1 GA Warm Springs- 505
Columbus

Meteor Scatter Results:

8/8 WDAV "...WDAV Davidson..."
8/9 WJIS "...Remember the joy family
skate night, Tuesday, August 17th from
7 to 10 p.m. at the Service Skate Center
in Sarasota..."

8/10 WPAR "...and mail it today. With
your help...and mention that you listen
to WPAR, your gospel..."
KNTU "...KNTU..."
KNTU "...KNTU sports conversation..."

- continued -

8/11 WJIS "...weather this afternoon partly cloudy and hot. High will get into the mid 90's with a good chance for afternoon thunder showers of course. And a fifty or sixty percent of that wherever you are listening today. Overnight fair, mid 70's, and for tomorrow more of the same. St. Pete/Tampa partly cloudy and 89, Sarasota/Bradenton it's 90, Fort Myers/Cape Coral 91. In Naples, it's 88. Joy-FM."

8/12 KNTU "...taking a look at the KNTU weather forecast, today sunny and hot, high near 101. Tonight and Friday fair; low tonight in the upper 70's..."
 KNTU "...big cat weekend runs from 10 a.m. to 4 p.m. this Saturday and Sunday, August 14th and 15th at the Fort Worth Zoo....sunburn Saturday bike ride will be held at...in Gainesville, Texas on Saturday. Registration..."

8/16 WJIS "...the Joy-FM, the gulf coasts positive music station..."
 WUWF "...and just like you, your pet needs to have shelter from the sun and during stormy weather, if you let your pet go outside a lot...and your pet will thank you for it. Sings: da da bah bah de boo boo. This message from the North-west Veterinary Medical Society and the woof hounds at WUWF. Good morning. You're listening to Morning Edition on 88.1 FM. This is WUWF Pensacola-Fort Walton Beach, Pensacola Public Radio from the University of West Florida..."

8/21 WJIS "...The church is located at 6310 Double Creek Road, New Port Richey... a free seminar open to all. Dr. Richard Dortch will be speaking on the collapse of the PTL, his involvement with it, and his present role. Takes place Sunday, August 22nd at 6 p.m. at the First Assembly of God in Fort Myers..."

8/30 KZFX "...Don't settle for anything less. Punch it in to the Classic Rock Station Z-107.5..."

9/2 WJSP "...7 WUGA..."

9/5 KGNZ "...here at KGN..."

9/3 "...WJIS Bradenton - 91.5 WJTO..."

9/21 KETR "...olympics last year and the bronze and stuttgart tested positive for a second time in his career. He returned from a two year suspension last year to win the title in Barcelona. I'm Richard O., KETR sports..."

9/23 KMPR "...KMPR - 88.9 KMP..."

9/26 WJSP "...folks from around the world. Join us for forum weekdays on Peach State Public Radio..."

Note #1: WWSL is on the air, but is being programmed by WQMF 95.7 Jeffersonville, IN. From 105.9 I taped, "The world's greatest rock 'n roll in its entirety from one radio station, QMF. QMF at 95.7 and QMF-2 at 105.9. Thanks for listening." On the hour I taped 95.7 WQMF and heard, "one radio station, two great ways to rock - 105.9 and 95.7 WQMF Jeffersonville-Louisville." QMF-2 at 105.9 was not // to WQMF 95.7.

Note #2: What I caught here by MS was the end of the Peach State Radio Network ID's. They say, "And in Athens on 91.7 WUGA." All I got was "7 WUGA." Note that on 9/26 WJSP was taped mentioning the Peach State Radio Network.

Note #3: The 89.9 translator in Richmond, IN (which I never heard), had to leave the frequency, as WDPG Dayton Public Radio, Greenville, OH will soon be on the air. WDPG was testing on 9/27 with a test tone, but no ID. This translator was formerly on 89.5 where I faintly heard it twice. Now the WCDR translator has moved to 95.3 and is no longer 10 watts. It must be 250 watts, as my signal meter, on a scale of 1-10, will go up to 6. How can this station be on 95.3 when a Xenia-Dayton station is also there and very close to Richmond?

WKPW 90.7 Knightstown, IN is located at the Soldiers and Sailors Childrens Home there. WKPW began broadcasting on 9/7 and is on the air from 8 a.m. to 4 p.m. M-F. The signal is fairly good here, but at times, WGLE Lima, OH interferes with WKPW. Bob Hawkins, chief engineer for WKPW telephoned me to see how their signal was carrying at 27 miles. Their power is 445w with a tower 78 feet above ground.

The Perseid meteor showers were supposed to be marvelous this year, but no better than in previous years. I understand that those living in the midwest had a good tr opening on 9/17-18. Once again, the IN DXers get screwed, as the opening was very poor here! I kept trying, but WYAY 106.7 in GA was my only new station.

73- Ralph

JOSEPH FELA - 150 ROBERT PLACE - SO. PLAINFIELD, N.J. - 07080

Equipment - McIntosh MR-78 tuner/stacked Stereo Probe 9s + a single Stereo Probe 9, on rotors, at 40 ft., Bolin phase box.

Time: ELT

JUNE 1993

25 Es

1218 WLMG 101.9 LA New Orleans, soft r, jingle, "Magic 102" + call, local WQCD phased, first 101.9 Es (leaves 98.3 as the only frequency with no Es loggings).

1227 WTYJ 97.7 MS Fayette, "Swap Shop on WTYJ"

27 Tr

0947 WAVT 101.9 PA Pottsville, "T-102 FM", r, WQCD phased

28 Es

1228 WHTQ 96.3 FL Orlando, "Q-96"

JULY 1993

1 Es

1250 WDDQ 92.1 GA Adel, call, ads

2 GW/Tr

0545 WJUX 88.7 NJ Franklin Lakes, "Jukebox Radio", WRSU/WPSC Off.

3 Es

1548 KEOM 88.5 TX Mesquite, ID, Mesquite Police Journal at 1600

1556 KZPS 92.5 TX Dallas, contest, ads

1618 WQUE 93.3 LA New Orleans, "Q-93"

1632 KNIN 92.9 TX Wichita Falls, "Power 92.9" + call

1640 KBYN 96.7 AR Ozark, call, k

1650 KKBQ 92.9 TX Pasadena, ads

1658 KITT 93.7 LA Shreveport, call, r

1818 KZOC 92.9 KS Osage City, "KZ-93", k

1819 KILS 92.7 KS Minneapolis, k, call, ads

1845 KCLY 100.9 KS Clay Center, ID

1848 KRVV 100.1 LA Bastrop, "The River"

1849 KJLO 104.1 LA Monroe, ads, reference to KARD-14

1915 KBEZ 92.9 OK Tulsa, SID

5 GW/Tr

1059 WZXV 99.7 NY Palmyra, full ID, g

6 Es

1848 KCLR 99.3 MO Booneville, "Clear 99 FM" + call

12 Es

2040 KVOM 101.7 AR Morrilton, call, k

2051 KHLT 94.1 AR Little Rock, "K-Lite"

2045 WCVK 90.7 KY Bowling Green, ID

19 Tr

0028 WETH 89.1 MD Hagerstown, c, WETA/WETH ID

24 Tr

1124 WOMP 100.5 OH Bellaire, // to WRKY, "Ohio Valley Power Stations"

25 Es

1545 WJMG 92.1 MS Hattiesburg, ID

1554 WAFR 88.3 MS Tupelo, "American Family Radio", WBGO phased

26 Tr

0001 WPTG 107.9 VA West Point, ID, "Sunny Country", k, announcer apologized for start-up problems during first week of broadcasting.

0019 WDCU 90.1 DC Washington, ID, WRTI phased, not heard in many years

JULY 1993

30 Es

1858 ???? 91.7 GA Peach State Net here but net ID mentions both WVEV and WUNV.

1909 WMMK 92.1 FL Destin, "K-92", Pensacola ad, 978

1914 WVOB 91.3 AL Dothan, ending nx, ID 894

1916 WRJM 93.7 AL Geneva, "The Rose" + call, Ex-93.5 921

1920 WOOF 99.7 AL Dothan, "Woof-FM" 890

1921 WXUS 100.5 AL Fort Rucker, "US-100", Enterprise ads 894

AUGUST 1993

3 Tr

0759 WBGS 96.9 MA Boston, ID, k, Ex: WJLB/WCDJ 213

11 Tr

2020 WTKF 107.3 NC Atlantic, Talknet, ID, local promos 410

22 Tr

0100 WNJA 89.7 NY Jamestown, c, WNED/WNJA ID 271

0556 WMJQ 102.5 NY Buffalo, "Q-102", strong at times, 280

0849 WYRK 106.5 NY Buffalo, k, wx, call 280

23 Tr

2300 WCDO 100.9 NY Sidney, AM-FM ID after Mets postgame show 127

30 Tr thanks to Hurricane Emily

2010 WDOX 93.0 NJ Wildwood Crest, new station and off frequency, easily separable from local WPAT, old time b, call + "The Docks", tnx to Leo Gluck tip 112

2136 WGH 97.3 VA Newport News, "The New Country" + "Eagle 97", first time heard since WBSS went to 50 Kw. 270

2139 WMDM 97.7 MD Lexington Park, k, Hurricane nx, WMDM/WPTX ID 195

2151 WSAY 98.5 NC Rocky Mount, k, "Say" 368

2222 WYFL 92.5 NC Henderson, g, // to WYFI-99.7 364

2224 WDLX 93.3 NC Washington, ID, Hurricane info 395

31 Tr

0530 WFLO 95.7 VA Farmville, ID, Bluegrass music 310

0533 WVG0 106.5 VA Richmond, call, promo, Ex: WRFK 276

0537 WKRRt 92.3 NC Asheboro, "Rock 92" 921

0546 WMBX 103.7 VA Richmond, "Richmond's Mix, B-103.7", Ex: WFMV/WEZS 271

0557 WPTM 102.3 NC Roanoke Rapids, ID, k, "New Country" 334

0608 WCUL 103.1 VA Culpeper, nx, WCVA/C-103 ID 239

COMMENTS: WNJN-88.1 is now including WNJS-88.1 Berlin, N.J. in its ID. WBAI-99.5 New York City seems much stronger so wonder if they are now on the World Trade Center. Ditto WLTW-106.7. Finally, very happy to see a number of WTFDA members at the NRC Convention in Enfield, CT. 73, Joe

RICHARD CONTONE - 162-07 87th ST - JAMAICA, NEW YORK 11414

I logged some interesting DX the end of this month....

WADB - Pt. Pleasant, NJ, 95.9 Mhz on Sept. 20 and 27.

WJUX - Ft. Lee, NJ, 103.1 Mhz, Sept. 27, again over WBZO Lake Shore NY

WSPK 104.7 NY Poughkeepsie, no ID but I got K-104, 70 miles, also Sept. 27

On Sept. 27 it was cloudy and raining. I used an indoor antenna, coiled wire and connected to the stereo.

MORRIS SORESENSEN - 29 JANET BLVD. - SCARBOROUGH, ONTARIO M1R 1H7

Equipment: Panasonic RF-B65 digital portable with whip antenna

DX from KEMPTVILLE, ONTARIO

AUGUST 1993 DX

25 Tr

2224 **WMHI** 94.7 NY Cape Vincent, religion
 2254 **CKWF** 101.5 ON Peterborough, The Wolf
 2258 **WPCX** 106.9 NY Auburn, 106.9 Picks Cntry
 2309 **WSEN** 92.1 NY Baldwinsville, oldies
 2318 **WYYY** 94.5 NY Syracuse, Y-94 FM
 2328 **CFRC** 101.9 ON Kingston, alternative music

26 Tr

0842 **CJFM** 95.9 PQ Montréal's "Mix 96"
 0849 **CIEL** 98.5 PQ Longueuil, French, lcl ads
 1134 **CFQR** 92.5 PQ Montréal, local ads, Q92
 2224 **WLKC** 100.7 NY Henderson, Lake Country
 100, mixed with CBF-FM
 2243 **CJLA** 104.9 PQ Mirabel, FF, "Radio Fusion"
 2255 **CFGL** 105.7 PQ Laval-Montréal, easy
 listening/soft rock, ID in French

August 27 Tr

0826 **WMAX** 106.7 NY Irondequoit, ID, mentions
 of Rochester
 0859 **WVPS** 107.9 VT Burlington, classical mx
 New England Public Radio, etc.
 0932 **CKME** 94.3 PQ Montreal,
 0939 **WBEE** 92.5 NY Rochester, "Today's
 country WBEE" over CFQR.
 0951 **WKLX** 98.9 NY Rochester, Oldies 99, sports
 0956 **WPXY** 97.9 NY Rochester, 98 PXY
 1011 **WBBS** 104.7 NY Fulton, B-104.7, country
 1024 **WRMM** 101.3 NY Rochester, Warm 101.3
 2056 **CHIP** 101.5 PQ Fort Coulonge, ID

No FM DX here in Scarborough!

73s,

Morris Sorensen

GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221

Equipment: Carver TX-11 tuner, modified with five 150 khz filters, Archer rotor and RG6 & CAC-11 coax fed out to roof mounted
 CM Stereo Probe 9 FM antenna, at = 25' AGL. For phasing, a Jerrold 10-element VHF TV antenna fed into a RS 0-10-20 db
 FM amplifier (75 ohm input), then into a "two capacitor in a box" phaser. "Clicking" RCA rabbit ears also are going into the RS
 FM amp (into the 300 ohm input)

SEPTEMBER 1993 DX

10 GW

1023 **CICX** 105.9 ON Orillia, k\$, Kicks-FM, ex CBCO
 and CBC, which has since moved to 91.5 119

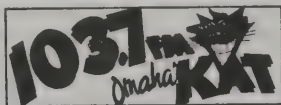
21 GW

1000 **WYNQ** 93.3 NY Avon, first CNN news // 1030 then
 EZ (\$). Fairly strong, though easily nullable, and
 WWSE still dominates here. 47

1000 **CKDK** 103.9 ON Woodstock, moving from 102.3
 now K102, soon to become K104, very strong! there
 goes yet another frequency! 65kW now 105

OCTOBER 6th Tr/GW

2300 **WFGO** 94.7 PA Erie, new to air, o\$, Froggy
 94.7, much weaker than other Erie's here, was very
 hard to hear in WNED 94.5 slop & WCSX 94.7 94
 2305 **CJBC1** 94.3 ON Belleville, FF Mono CBC // 860.
 Moving from 95.5, which will be taken over by CJOJ.
 Not ANOTHER frequency lost! Quite strong here 104



As you can see, not much has been going on DX wise here. Probably all the better, as I have been very busy. Note that I have four new loggings, but all of them are new semi-locals! At least WFGO will not be much of a pest, though the other three will, especially CKDK and CJBC1. The band is really filling up around here. One Saturday there was a long distance duct into Missouri from this area I hear, but I missed it here! I did see weak CCI on ch21 and 33 that I'm told was likely Springfield, Mo. Oh well! The weather systems have not been favorable at all for tropo, as they haven't been all year (except for that stretch of late August with some nice openings, which netted OH logging #100). Fast moving cold fronts, not leaving much time for anything to set up. Weather has been cold and rainy as well for the most part; we had our first snow October 10th, just flurries in the air, 14 days before the average first snow. No accumulations yet though. For this month's station news, thanks go out to Matt Sittel, Doug Smith, Tim Noonan, Ralph Stroble, Mike Hawk, Paul Mount, George Greene, dBruce Hall, Jim Renfrew, Rich Gallison, and Bill Nollman.

STATION NEWS:

SOUTHEAST: WDRZ 103.1 in Etowah, Tenn. is now using the slogan "Superpower 103" and seems to get out real well now. WYGO 99.5 Madisonville, TN uses the slogan "Go-FM". WXST 105.3 can now also be heard on a translator on 96.7 in Knoxville. Two new stations are on in the Nashville vicinity. WANT 98.9 Lebanon has come on, with a satellite country format. And WRLG 94.1 Smyrna is on, for now simulcasting alternative rock WRLT 100.1 Franklin. Do not confuse this with WSTR 94.1 Smyrna, GEORGIA! 107.9 East Ridge-Chattanooga returns to the air, now as WOGI, "GT-108" and oldies. To the west, W252AQ 98.3 in Lake Charles, LA is on, Family Radio programming. KNEK 104.7 Washington, LA is on with urban, "Power 104". In the same area, KPEL 107.7 is also on, parallel to 1420-KPEL's news/talk. And WTRC 97.3 Natchez, MS has signed on the air, with satellite soft a/c, "Trace-FM". KFTE Breauz Bridge, La. is on with easy listening (96.5). Moving farther east, WEBZ 99.3 Mexico Beach, Fla. is now using "The Breeze" slogan. WIMV 102.7 Madison, FL. is urban, but in mono. WBTY 105.5 Homerville, GA is "Y105", with a mix of oldies and classic rock. WZAT 102.1 Savannah has gone to more of a rock-40 approach, also with a mix of modern rock. No longer "Z102", now using their calls. WLYU 100.9 Lyons, GA is on that frequency, not 100.7 as in the FM Atlas. They are "Y101" and country music. WTCQ 97.7 Vidalia is top 40 "The Power Q". WBYZ 94.5 uses "Z94". 95.3 McRae, Georgia now has the calls WYSC, ex: WDAX. New slogan is "Y95", and country, and ID with Helena (pronounced huh-LEE-nuh). WGPB 91.5 Vidalia is on with religion, in stereo. Also on with that format is WRBX 104.1 Reidsville, GA. WCLA-FM Claxton, GA. moved to 107.3 from 107.1. They are simulcasting WCLA-AM's country format, and are in stereo. Even more Georgia news.... WDBN 107.5 Wrightsville is now "Mix 107.5" and AC, with studios in Dublin, WKIG 106.3 Glennville is K106 and a/c. WHCG 103.7 Metter is now oldies (\$) and here ex: 104.9 "Eagle 104" slogan. WXRZ Swainsboro has moved to 100.5 and is sat. country "America's Best Country 100 FM". WMCD 100.1 Statesboro is "Hit Rock 100.1" and a rock 40 type format. WAGW 107.1 Waynesboro is religious parallel to WYFA 100.9, and has a dual ID with them. WFXA 103.1 Augusta is "Foxy 103 Jams" and urban. WAEV 97.3 Savannah now goes by "The New Mix 97.3". Also now with a "Mix" slogan is "Mix 106", 106.1 Toccoa, Ga. (WLET-FM?). WZBX Sylvania, Ga. is country, and a slogan like "Z-Biz 106" or "Z-Mix 106". Oh, they are no 106.5. WGUS 102.3 Augusta was noted with an all comedy format. This could be some sort of smokescreen changeover format. WUFF Eastman, Ga. has moved from 92.1 to 97.5, and is mono, country. WCEH 103.9 Hawkinsville, GA is a/c and stereo.

WKMK Sylvester, 106.1 is a/c and satellite. They are also mentioning a 105.7 (WFFM Ashburn?). WRDO 96.9 Fitzgerald is on now, with "Class 96.9", and an oldies-AC type format. WMCG 104.9 Milan, Ga. is "Power Country 104.9". 107.3 Columbus is now "Lite 107.3". In the Atlanta area, some changes: WYAY 106.7 (Gainesville) splits from its simulcast of 104.1 WYAI (LeGrange) and is now "Young Country". And 105.7 (Canton) becomes WGST-FM, simulcasting WGST 640 AM Atlanta, which is news/talk. Some major changes in Charleston, S.C.: 104.5 (Mt. Pleasant) has gone country, as WJUK "Jukebox 104". WSSX 95.1 goes hot a/c and "Mix 95.1". And the market loses its other top 40 as WSSP 94.3 Goose Creek drops top 40 and "Fly 94" for adult standards and "Stardust 94". WJAT 94.8 Swainsboro is adult rock, and "Kiss FM". A few other items of note from South Carolina-WLVH 101.1 Hardeeville is on, with urban (\$), and "Love 101.1". Also heard as urban was WSSB 90.3 Orangeburg, but monophonic. 92.1 Bamberg-Denmark has changed calls to WWBD. They were calling themselves "92.1 FM", and gospel. WDOG 93.5 Allendale, SC is country "The Big Dog". WGTR 107.9 Buckport-Myrtle Beach is on "107.9 Gator Country". 107.3 Anderson, SC is now urban, "The New 107.3 jams", calls WJLT or WJLZ. In North Carolina WKSF 99.9 Asheville is now using "The Fresh New Sound of Kiss FM" and "Kiss 99.9". Note that adding to the confusion of "Kiss'es" on that freq. is the new WFKS 99.9 Palatka, "Florida's New Kiss 99.9". WEAG 106.3 Starke, Fla. is now "Eagle Country 106". And 107.9 Panama City is still WPFM, but now more adultish top 40, and "107.9 Kiss FM", so a new slogan for them. WZJC 91.9 Crystal River, FL is on the air. A little farther north, 105.5 Ft. Knox, Ky. has changed to WLK, and country.

NORTHEAST: In Rochester, WYNQ 93.3 (Avon), which recently signed on as news/talk parallel to AM 1030, has now gone to easy listening. In that same market, WRLR 88.5 is back on the air after a summer off to upgrade their power: to 3 kW. The improved signal has been noticed. In Maine, WSNV 103.9 Howland (Bangor) is on the air, with easy listening, in stereo. Some news from Maryland: WKHJ 98.9 Mountain Lake Park is on the air. Also on is 101.1 Westport, Md. with satellite a/c. WFGO 94.7 Erie is on with oldies "Froggy 94.7". I was recently in Mayville, NY and noted the 90.1 xtr of WQLN 91.3 Erie on the air, even though I have not heard it here. Speaking of WQLN, they are putting out very strong spurs on 91.1 and 91.5, strong enough to get out pretty far. I have heard them here on 91.1 overriding local CJRT. They have been heard in Brantford, Ont. and Toronto, and on the car radio near Batavia NY even, and have weaker spurs down to 90.5 and up to 91.9. So be careful, these spurs may fool you! To clear up call letter confusion in central PA, 99.7 Mt. Pocono is WSPJ, and 95.3 Shamokin is now WISL.

STATION NEWS:

CANADA: Word is that CJSB 540 Ottawa has been granted permission to go to 106.9 on the FM dial, which it will do sometime in 1994. Otherwise, plenty of changes in Southern Ontario—as many have heard, 105.9 Orillia has indeed gone commercial, country as CICK, 'Kicks FM'. In addition, CIZC 104.1 Midland has been noted on the air, also country and 'Kicks FM'. They do simulcast at times, but also run separately. I do not know their schedule. In Belleville, the CBC French (Mono) FM station on 95.5 (CJBC1) has moved to 94.3. Word is that 95.5 will be occupied in the future by 50kW CJOJ, which will be album rock. They were to be on 102.3, so I imagine that frequency will be up for grabs once again. And CKDK Woodstock has indeed moved to 103.9 and 65 kW, as 'K104'.

MIDWEST: KMIS in Southeastern Missouri is on 106.5, and is rumored to now be licensed to New Madrid, MO. They are higher powered. KXTR Springfield Mo. has moved from 101.5 to 101.3. A 104.3 'KRCR' Star 104.3 and country has been heard in the Branson, Mo. area. I believe this is Marshall, Ark. though I have not seen word of a call change from KBCN. KWKZ 106.1 Charleston, Mo. is on with country. KKEG 92.1 Fayetteville, Ark. is album rock, but mixes a lot of alternative rock in with that. Moving farther north in the midwest, in suburban Chicagoland, WXLC 102.3 Waukegan has reportedly gone modern rock. WSPS 97.9 Stevens Point, WI. is now a/c 'Sunny 98' slogan. In Northern Indiana, a bunch of stations are now parallel and country: WGTC 102.3 New Carlisle, and WLNB 102.7 Ligonier, and 102.3 Auburn, Ind. which has moved from 105.5 (I believe new calls have been issued, but I am not sure what they are). In Ohio, WCLR 95.7 Piqua-Dayton goes oldies, 'Cool 95'. By the time you read this, they should have picked up a sister station: 95.3 Xenia is expected to simulcast them, and they hope to pick up the calls WZLR. In the Toledo area, a new local: WJZE 97.3 Oak Harbor, with jazz/new age. WRHP 101.9 Hubbard, Ohio (Youngstown) is on the air with satellite urban AC. Rumors are flying that WCOL-FM 92.3 Columbus may go soft a/c, while in that same town WNCI 97.9 has hardened up again towards a more straight top 40 approach. No word that it is on yet, but 94.5 in the Dayton area (licensed to Englewood-WZJX) is expected on soon, with modern rock. Some Indiana news-WHPL 89.9 in West Lafayette is on the air, with Moody Bible Institute. WKPW 90.7 Knightstown is on with album rock 'K91'. Also new on with Moody Bible programming is WIWC 91.7 Kokomo. And WZBD 92.7 Beme-Decatur, Ind. is on with rock, Z-92.7, in stereo. (92.7 Decatur is now WQHK 105.1). WJDK 103.1 in Morris, Illinois is on the air. WVSL 105.9 Valley Station-Louisville is on the air with album rock, 'WQMF-2'. They are not parallel to 95.7 WQMF Jeffersonville, Ind. A top of the hour ID noted by

Ralph Strobel said 'one radio station, two great ways to rock - 105.9 and 95.7 WQMF Jeffersonville' even though 105.9 was separate (See his report). Back in Indiana, a powerful new translator is on: W237AT 95.3 Richmond is on the air translating WCDR 90.3 Cedarville, Ohio. Also soon to come on the air is WDPG 89.9 Greenville, Oh. owned by Dayton Public Radio. Oops, I did it again, forgetting some Northeastern Info: 106.1 Coming-Elmira has been heard IDing as 'Wink 106 WINK'. No word on whether there is an official call change. And WDOX 93.1 Wildwood Crest, NJ is on the air with traditional easy listening, 'The Docks', Joe Fela heard them on 93.01 (see his report).

WEST: KCRM 103.9 in Cameron, Texas (College Station area) is on the air now, with the slogan 'CD 103.9' They are a/c. A big change in Phoenix: 95.5 KOY-FM is no more, now KYOT, country 'Coyote Radio'. Another change on that frequency in a major western city, as KXL-FM Portland goes hot a/c 'Star 95'. In yet another big move, KCBS-FM 93.1 Los Angeles is no more, becoming KRRO-FM, 'Arrow 93', which stands for 'Adult Rock and Roll'. A rock/ac type format with oldies and soft classic rock concentrating on music from the 1970s. In Tyler, Texas, KERA 90.1 has a translator on 99.1. It gets out quite well, so look for it. 92.1 Tyler is finally back on the air, as 'K-Dock', KDOK, with oldies. KEYR 92.9 Merlin, Tex is on with satellite a/c, 'Key 92.9'. And on the same frequency, also in Texas, 92.9 San Antonio changes calls from KSRR to KROM. They are still Spanish.

Q106
106.3 WQBZ

*Middle Georgia's
Home of
Rock 'n' Roll*

WQMF
COUNTRY
590 AM 94.1 FM

TRANSLATIONS	
Mars Hill Network can be heard in fringe areas on translator stations broadcasting on special frequencies	
Homer/Cortland	95.9 WMHR
Dwago/Endicott	95.9 WMHR
Copenhagen/Harrisburg	95.9 WMHR
Castroland	95.9 WMHR
Elmore	97.7 WMHR
Norwich	97.7 WMHR
Ithaca	101.7 WMHR
Watstown/Ft. Drum	104.9 WMHR
Danville/Canaseraga	88.1 WMHR
Gouverneur/Richville	100.1 WMHI
Potsdam/Parishville	100.1 WMHI
Lowville	95.9 WMHI
Lima	90.9 WMHA
Canada, on Kingston Cable	
	104.5 WMHF
	94.9 WMHF
Yet to come	
Miami	101.3 WMHI
Ogdenburg	97.9 WMHI
Greece	104.5 WMHR
Little Falls	100.3 WMHR
Long Lake	pending WMHR



VHF/UHF UTILITY DX



WEATHER - AIR - MARINE - PSB

BILL HEPBURN - 35 LOCKWOOD RD - BRAMPTON ON - L6Y 4T7

Deadline for Jan column: Dec 10

This month.. more DX loggings..including 2 new reporters! Some summer troPo included USCG Boston making it all the way to Maryland!

So without further ado..

LOGGINGS

**** NEW REPORTER ****

RICHARD CONTONE - 162-07 87th ST - JAMAICA NY - 11414

Rcvr: Bearcat 147XLT Ant: Winegard TV-7000 w/Tru-Spec TA-15 amp.
(EDT)

AUGUST 1993

12 TR 2330 162.40 PA PHILADELPHIA 90 WX
(also heard on Jun 10)

(Welcome to U/U Ute DX Richard! Question: I have K1H-28 Philly listed as being on 162.475. Have they changed frequencies recently? Or is this possibly a new repeater? Can anyone help out on this... BH)

**** NEW REPORTER ****

MORRIS SORENSEN - 29 JANET BLV - SCARBOROUGH ON - M1R 1H7

Rcvr: Realistic PRO-2022 Ant: discone (EDT)

DX from KEMPTVILLE ON

AUGUST 1993

26 TR 2115 WXN-68 162.475 NY WATERTOWN 80 WX
27 TR 0840 KHA-53 162.40 NY ROCHESTER 160 WX

NOTES: NWS Rochester was completely obliterating local Ottawa station on channel - Rochester FMs also coming in.

(Welcome to U/U Ute DX Morris! Morris recently rejoined WTFDA. He edits the 'Domestic DX' column for the ODXA. BH)

HANK HOLBROOK - 407 ARUNDEL RD - FAIR HAVEN CLIFFS - DUNKIRK MD - 20754

Rcvr: Sony AIR-B Ant: ANT-B whip (EDT)

+ = initial CQ on 156.8

JULY 1993

1 TR 0803	<u>NCGP</u>	156.8	DE Delaware Bay	90 SHIP J.L. Brown
25 TR 0124	<u>WQZ-342</u>	156.65	NJ COLD SPRINGS	100 MRN NAV 2 Mile Bdg
	0810	NMY-42	157.1 + NY MORICHES	260 USCG
26 TR 0720	NMY-15	157.1	+ CT NEW HAVEN	295 USCG Long Isld Snd
	0721	NMN-00	157.1 VA HAMPTON ROADS	105 USCG
	0754	WHW-819	156.7 DE LEWES	80 MRN NAV Del. Pilot
29 TR 0649	<u>WSE-3119</u>	156.8	DE BIG STONE BEACH	75 SHIP Big Stone 5
	1929	<u>N3A</u>	132.0/123.025 MD BALTIMORE	40 ACFT Stars&Stripes

VHF/UHF UTILITY DX

Hank Holbrook's report cont'd..

AUGUST 1993

27 TR 0750	NMY-52	157.1	+	NJ SANDY HOOK	184	USCG
30 TR 0703	NMN-80	157.1	+	VA HAMPTON ROADS	105	USCG
	NMK	157.1		NJ CAPE MAY	92	USCG
31 TR 0355	WHU-307	156.45	+	NJ CAPE MAY	90	MRN S Jer. Marina
	0431 KSK-223	156.8		MD OCEAN CITY	89	COAST Mtn Operator
	0614	156.65		NY ATLANTIC BEACH	I	MRN NAV Bridge
	0636 NMF-7	157.1	+	MA BOSTON	386	USCG
	0742	157.1	+	NY JONES BEACH ?	I	USCG ???
	0810 NMY-42	157.1	+	NY MORICHES	260	USCG

NOTES: JUL 26 - NMN-80 was buried under NMY-15 but stayed on longer & then in the clear.

JUL 29 - N3A over Baltimore for Major League Baseball All-Star Game. One of my most wanted QSLs - to QSL a Goodyear blimp- been trying for years!!

AUG 30/31 - Many USCG stations heard w/Hurricane Emily info.
- Atlantic Beach Bridge working 'Ocean Girl' (both strong). Anybody have an address for NY DEPT. OF TRANSPORTATION???

- USCG Boston blocked at times by Philadelphia & Long Island Snd. Much of transmission in clear. Nice signal. Hurricane Emily coming up coast.

- My lists don't show a Jones Beach CG - this would be near the Atlantic Bch Bridge. Any information on this one?

- USCG Moriches in with a tremendous signal!

Bill - In answer to your question in the AUGUST '93 VHF/UHF UTILITY DX page 54. QSL from CG GROUP PHILADELPHIA 156.8/157.1 MHz - "Coast Guard Group was established in June of 1988 REPLACING CG BASE GLOUCESTER CITY NJ". QSL for Sep 7/88. Philadelphia not listed in COAST GUARD RADIO by James I. Pogue 1990, and station did not fill in call sign on my prepared card.

(Hank, this station is listed in the DMA publication RADIO NAVIGATIONAL AIDS 1992 w/notice to mariner broadcasts @ 0035 & 1235 UTC...however no call sign is listed. BH)

TIPS FOR AVIATION BAND DXING PART II

Low power -- this is where the problem lies for the ground-based DXer -- flea-powered stations have short range. To make matters worse, many aero ground stations also incorporate antennae that have reflectors at their base to maximum skywave and minimize groundwave. Ground-based aircraft have no problem with this because they are usually (or supposed to be) at airports while on the ground -- therefore they are usually right beside the transmitter sites. (By the way, the groundwave reflectors enhance ES skywave signals!)

So what does the DXer do to combat all this going against them -- maximize your gain & minimize your loss! Vertical antenna polarization works best. Try cutting dipoles or yagis for the 108-137 (& subsequently 216-274) MHz band. It would probably be best however to offset the centre frequency towards the top of the band so that 88-108 MHz FM signals don't come in too strong.

FM signals creating overload & intermod are a big problem. The ITU has done studies on this..for at some airports FM stations can interfere with aircraft navigation!! (Imagine your plane trying to land in a blizzard - just as your pilot tunes in to the ILS (Instrument Landing System) frequency of 109.3 MHz..in blasts Led Zeppelin from LOUD-107.7 FM!!)

Air Band Tips-cont'd..

The disparity between signal strengths & station powers between FM & AIR band along the 106-110 MHz range is hard to cope with. On one hand, AIR band almost definitely requires ample amplification (20 dB or so) at the antenna before the lead-in to minimize loss..however this will also increase the likelihood of overload due to FM intermod. One compromise that seems to work OK is to insert an FM trap such as those sold in Radio Shack right at the antenna before amplification. Although there is some loss in the 108-113 MHz portion of the band -- the reduction of intermod is well worth it. However -- this all depends on where you live. Some experimentation is needed. In any event, amplification is almost a must to boost the flea-powered signals found in the AIR band.

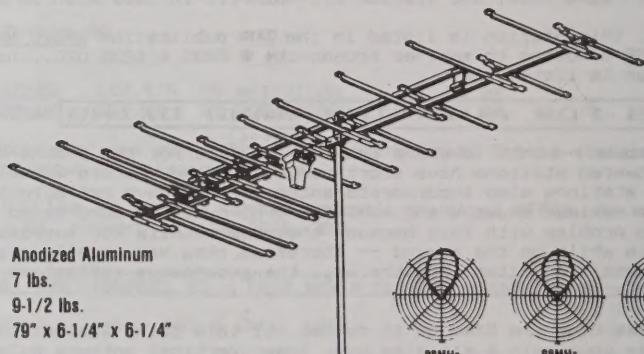
Audio found on weak AIR band stations can also be quite quiet since AM mode is used. AM mode was chosen so that 2 or more aircraft transmitting at once can be heard (whereas FM would only allow the strongest through due to capture effect). Some audio filtering through an equalizer will help audibility .. try dampening the highs and lows and boosting the midrange.

I hope some of these tips may help improve your AIR band DX setup. Again..the AIR band is probably your most challenging band DX-wise due to the low powers in the 5-100 watt range. Good luck! (P.S. - to date, my best AIR band tropo has been 223 miles to KUCA 118.7 Utica NY -- and my setup is quite modest -- lets see what can be had with a big outdoor yagi! -- and don't forget about skip!).

(77-5+1)s til next time, BH.

WINEGARD CH-6065 FM ANTENNA

Same ruggedized construction as the Chromstar TV antenna line, including built-in weatherproof downlead housing and 7/16" anodized elements!



Finish	Anodized Aluminum
Net Weight	7 lbs.
Shpg. Weight	9-1/2 lbs.
Carton Dimensions	79" x 6-1/4" x 6-1/4"

GAIN	CH.2	CH.4	CH.6	88MHz	98MHz	108MHz	CH.50	CH.69
% over reference dipole				202	220	239		
db over reference dipole				8.6	10.1	10.8		
beamwidth at half power points				80°	53°	47°		
front-to-back ratio				20	20	20		



Nashville

1993

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"TIME TUNNEL" takes a break...it's first since the column premiered in May 1989; but will return next month. A couple of minor ailments, time spent editing the convention tape, a trip to Knoxville to see the Big Orange UT Vols in action, and an upcoming Florida vacation put column preparation time at a premium. The choice was to whip up a 'quickie' that might not be quite up to snuff or take a break to get back on a sensible schedule...I chose the latter. Future columns will include a history of early Idaho television, the original post-freeze allocations, and a trip to Warmley, Saskatchewan. -- GoodXing! -- Tom



WORLDWIDE TV-FM DX ASSOCIATION

POST OFFICE BOX 514-BUFFALO, NY 14205-0514-USA.

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ALFRED LAUN K3ZO
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